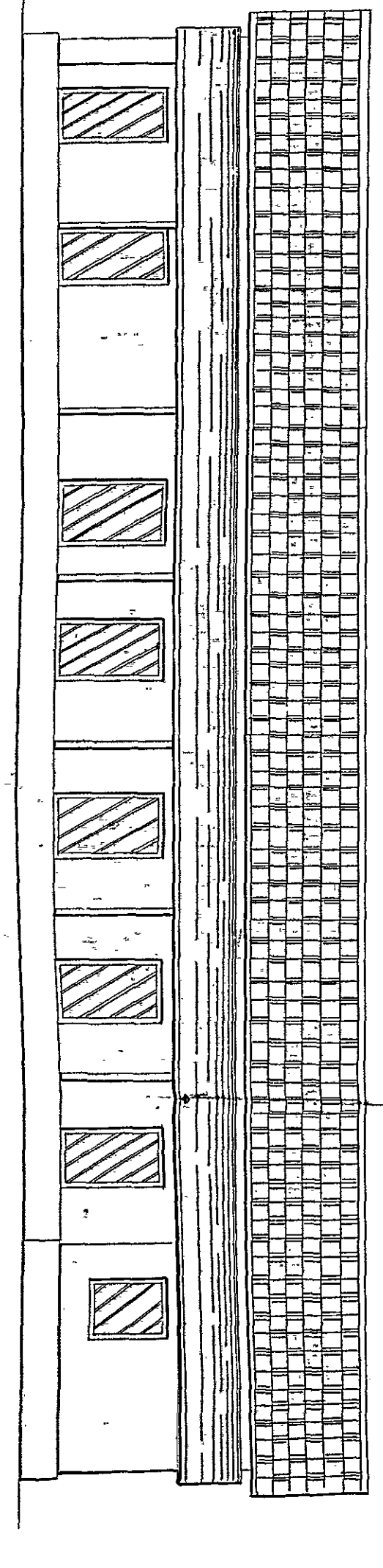
File 141 Pl. I

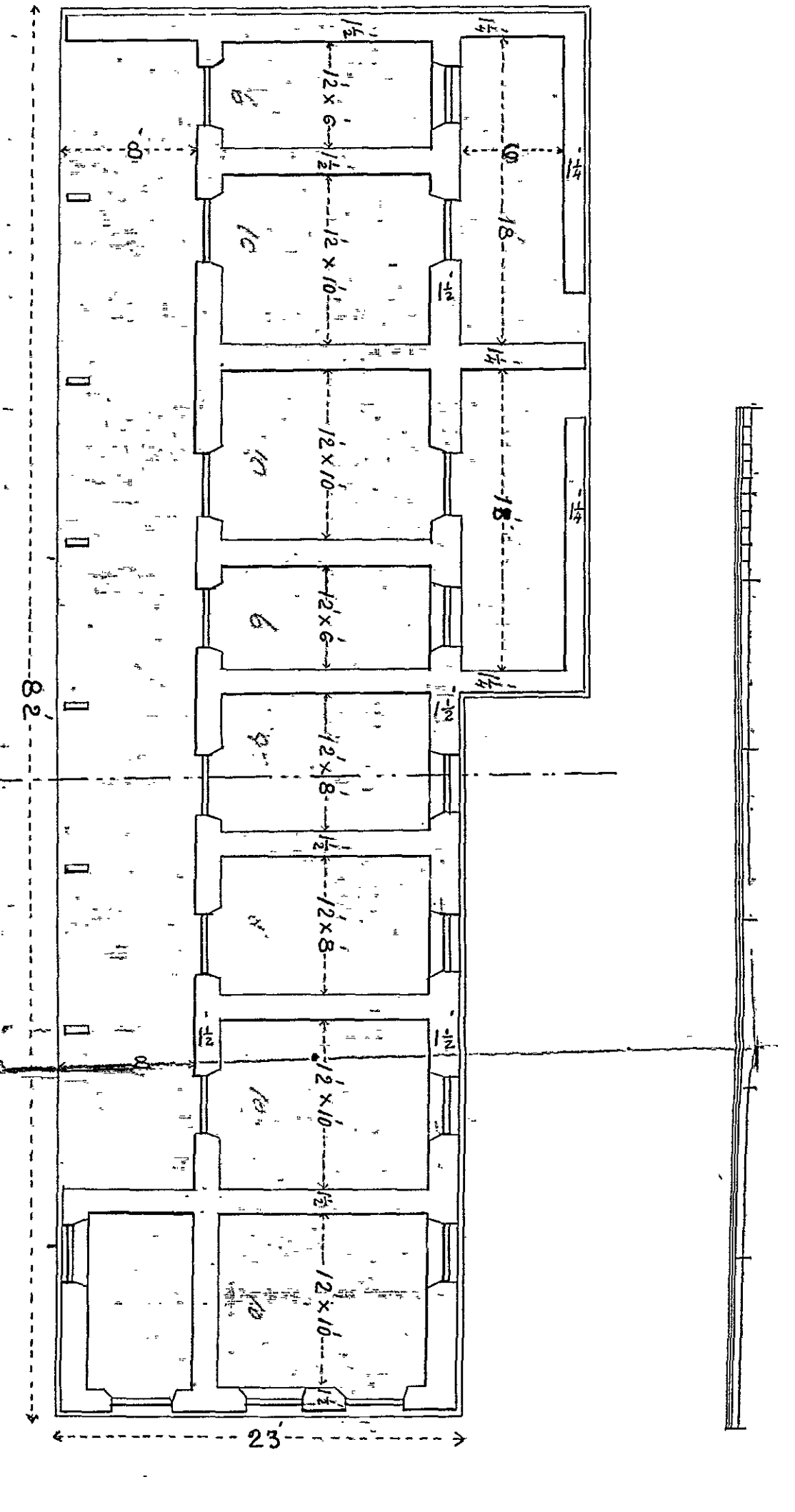
1893

(12)

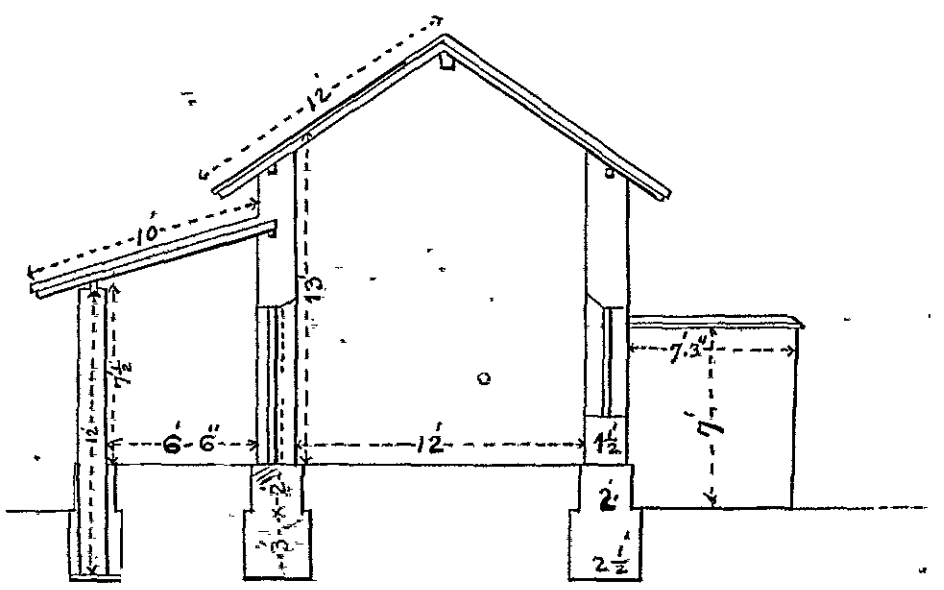
Encl. to S. N. 153



Elevation



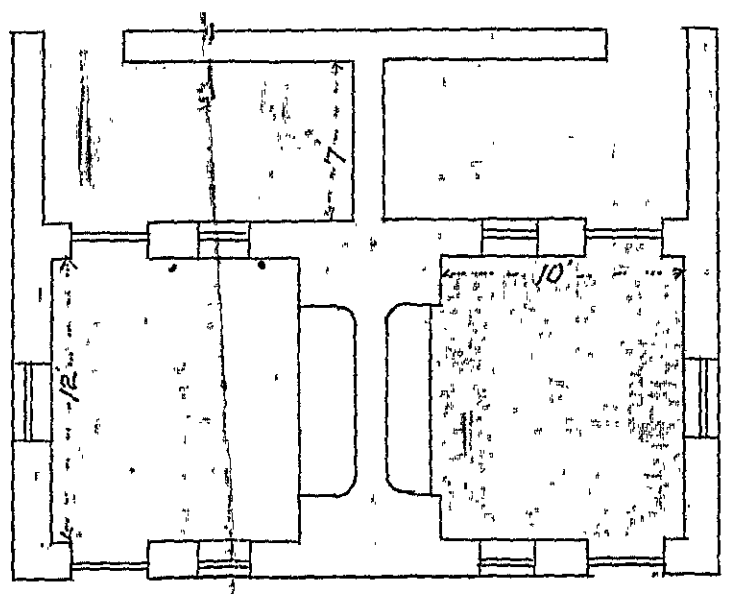
Section Thro^h AB

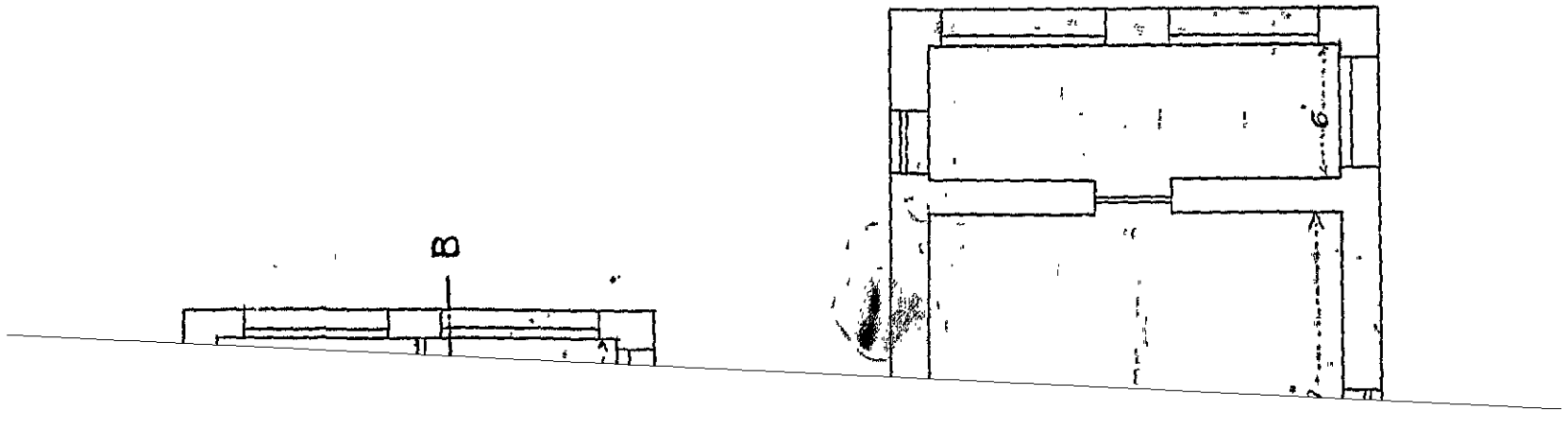


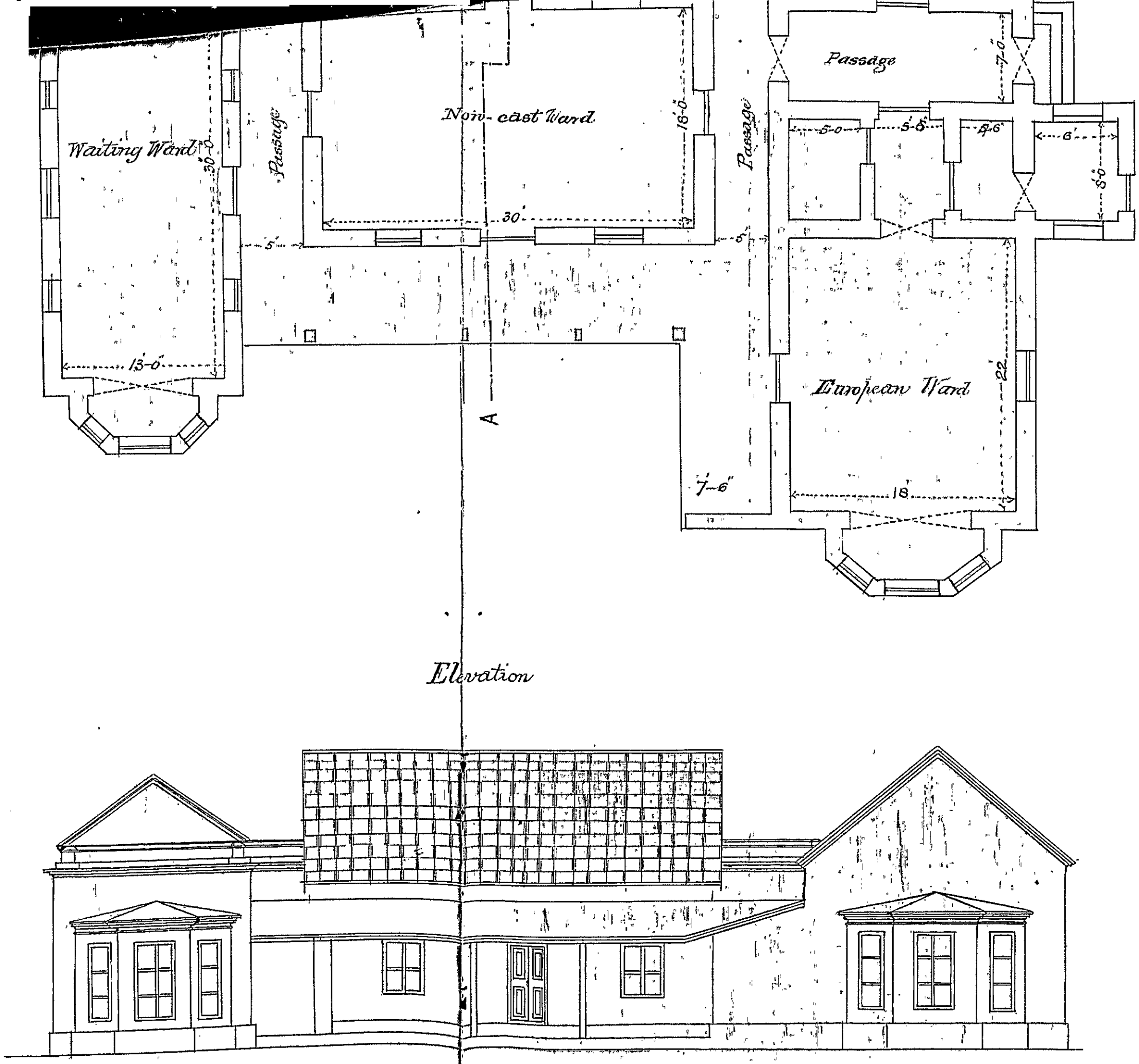
C. AND M. S. MUNICIPALITY BANGALORE

NEW WOMEN & CHILDREN'S HOSPITAL

MATERNITY

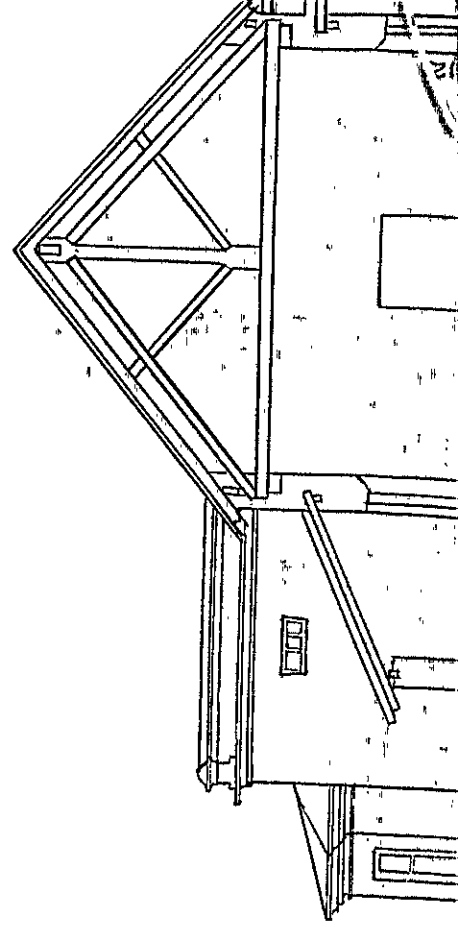




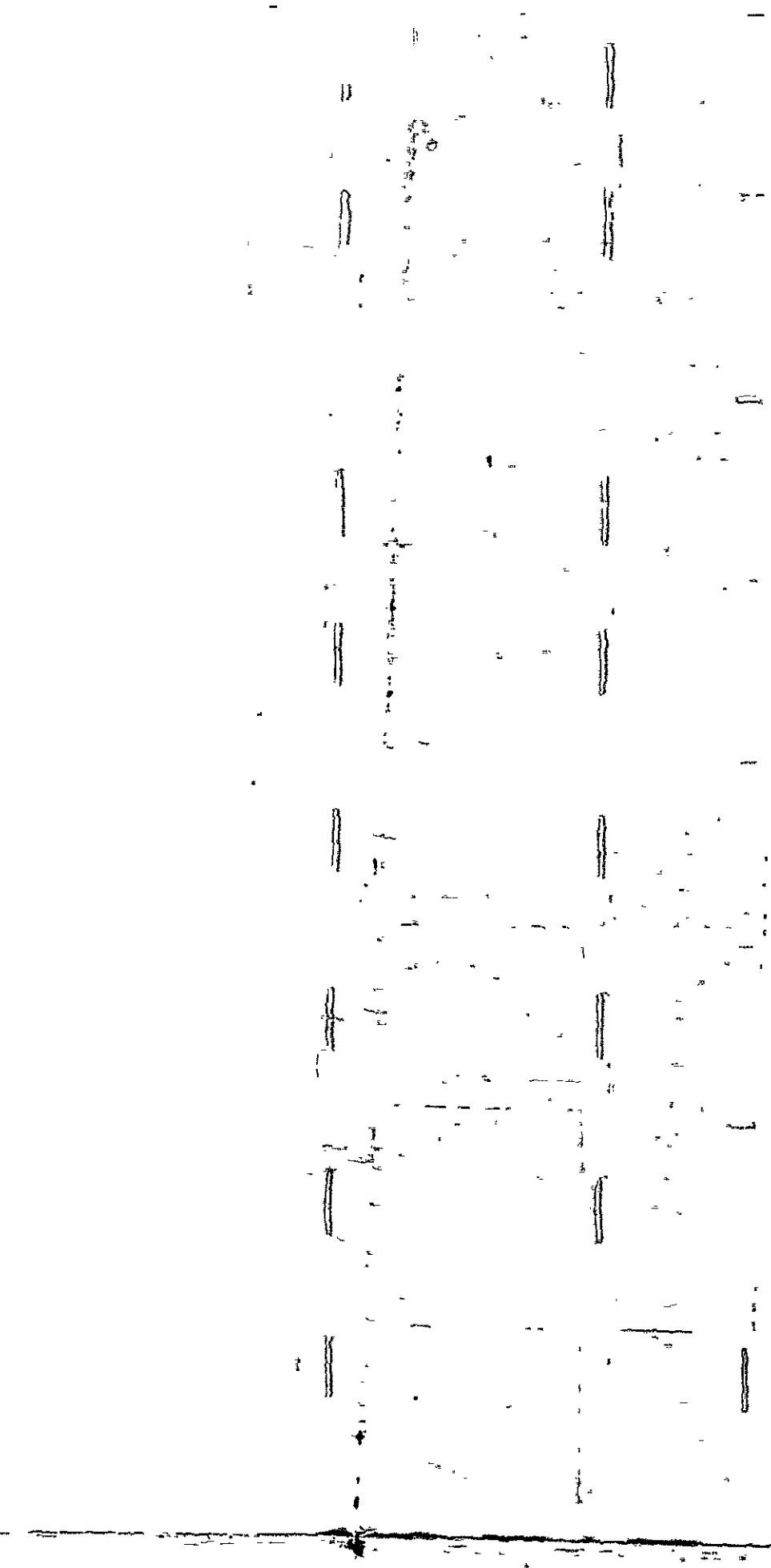


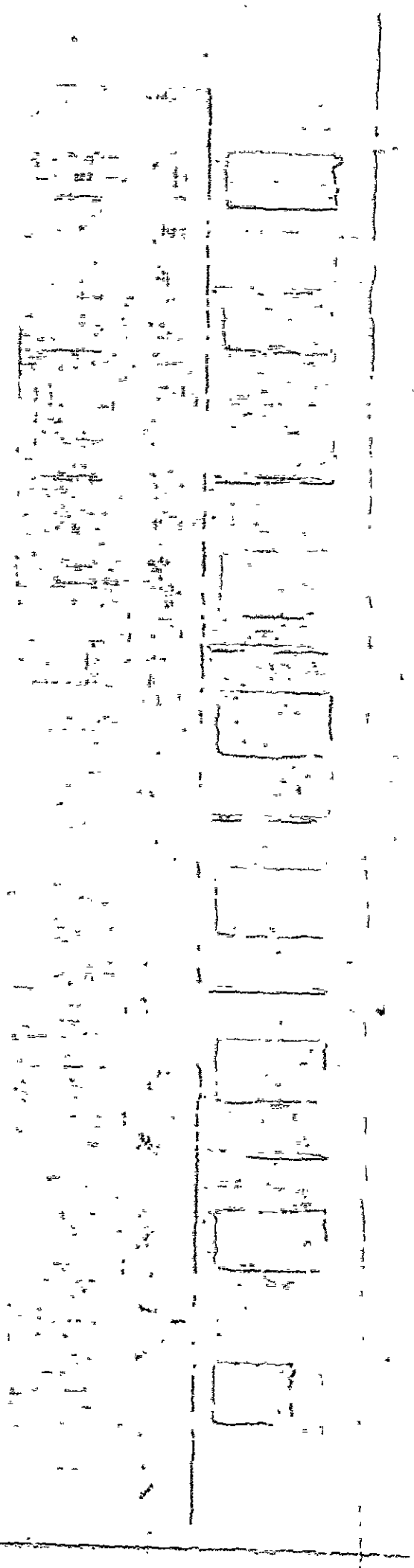
Elevation

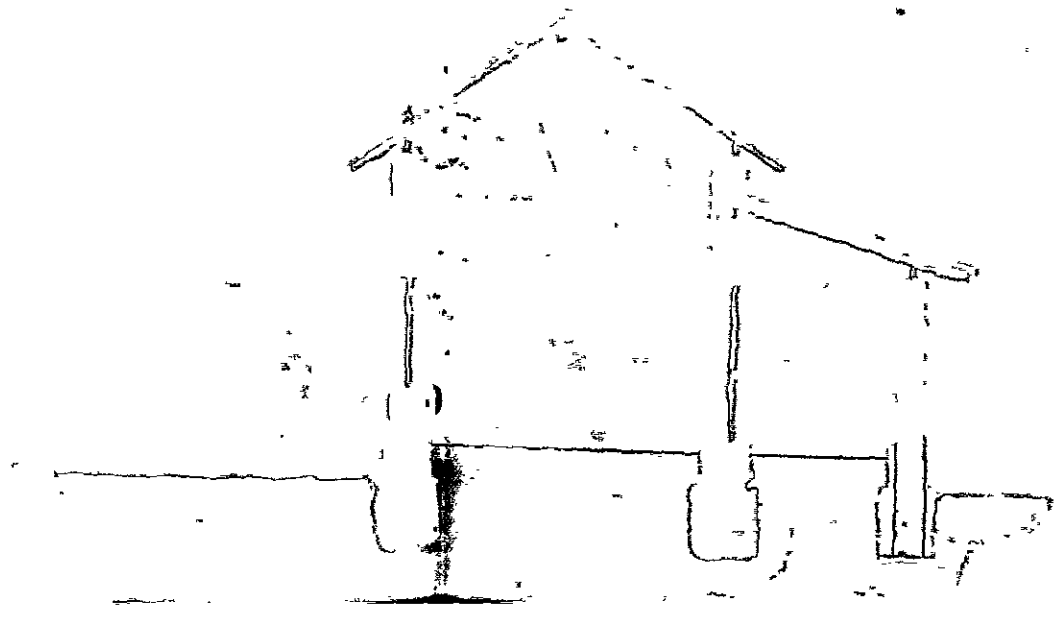
Section Thro

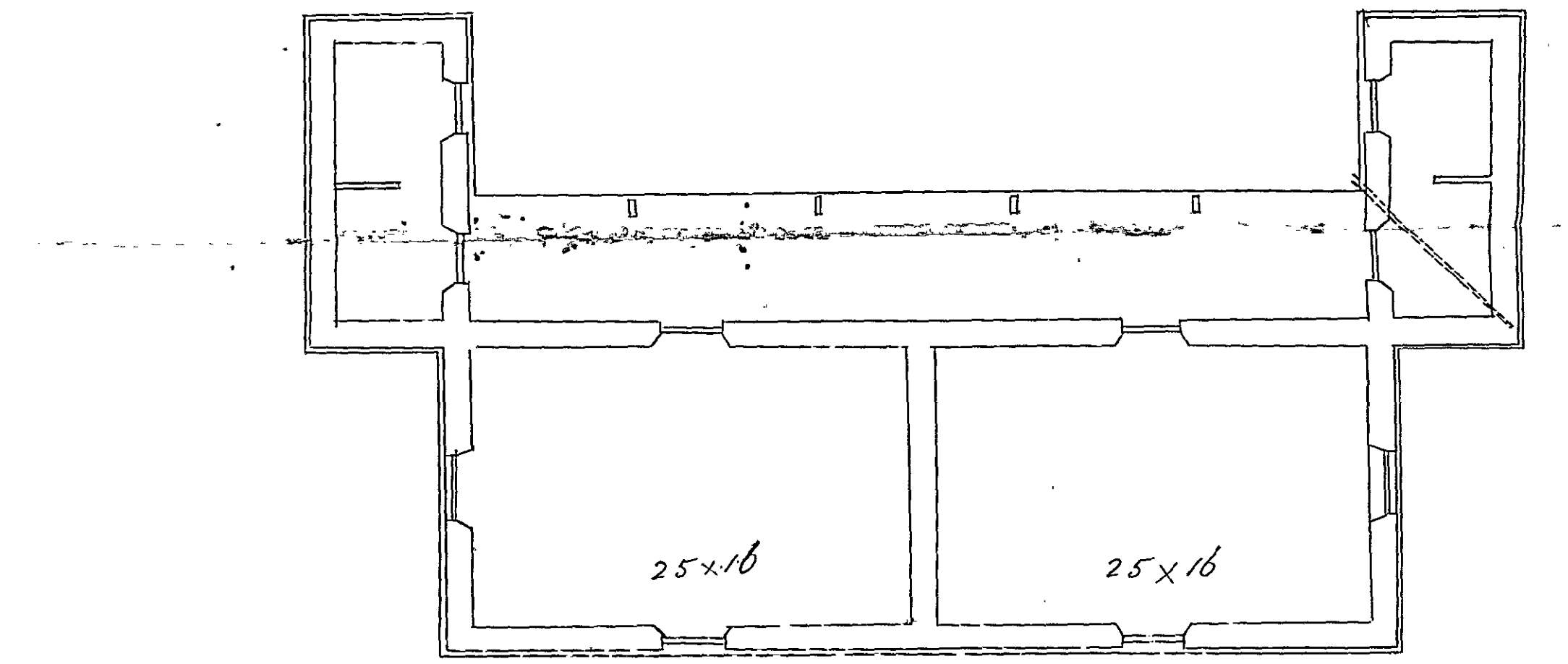


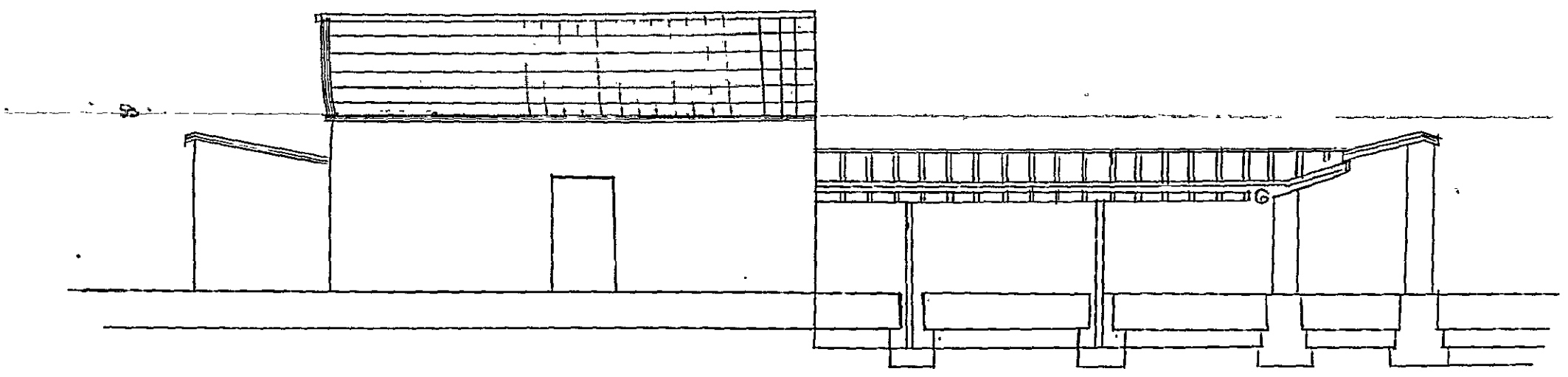
Lucas & Cubitts
Executed R.
A. Dickson
Residency

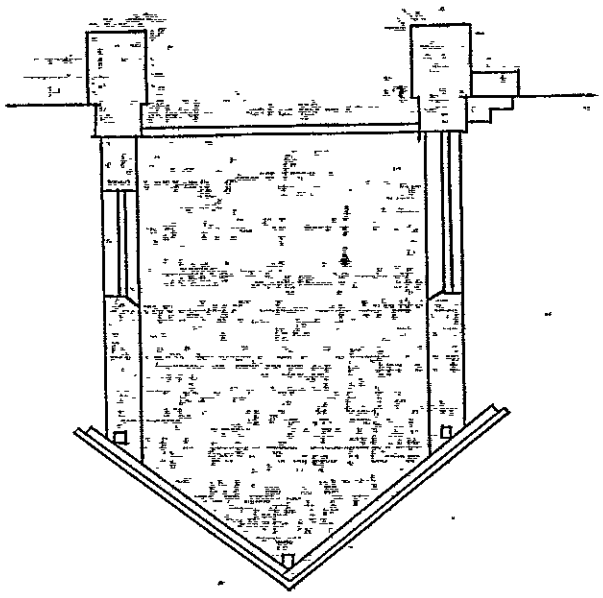


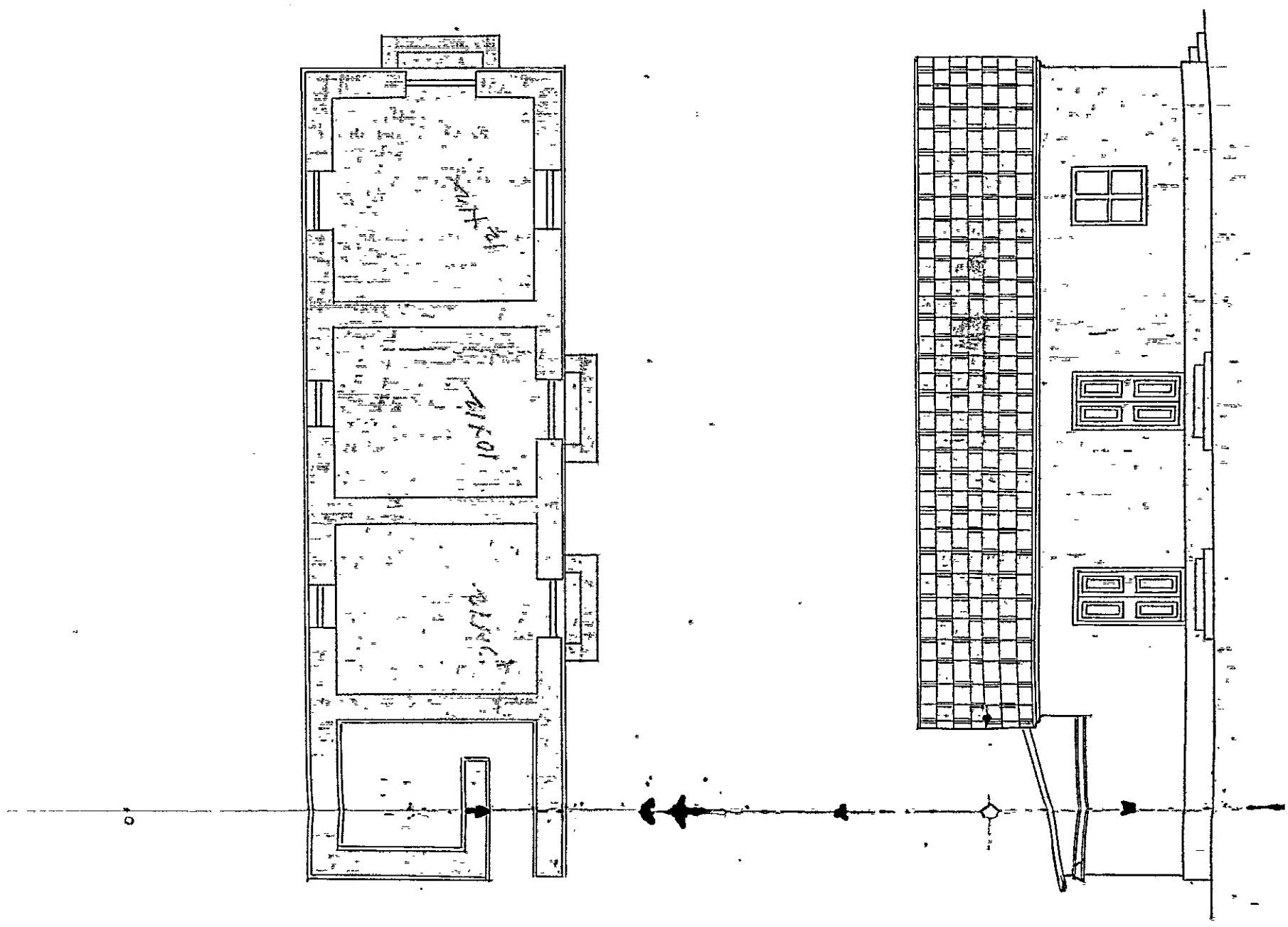


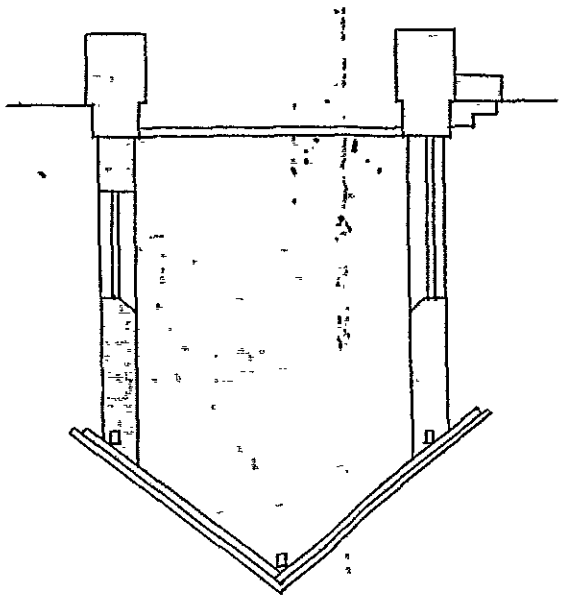


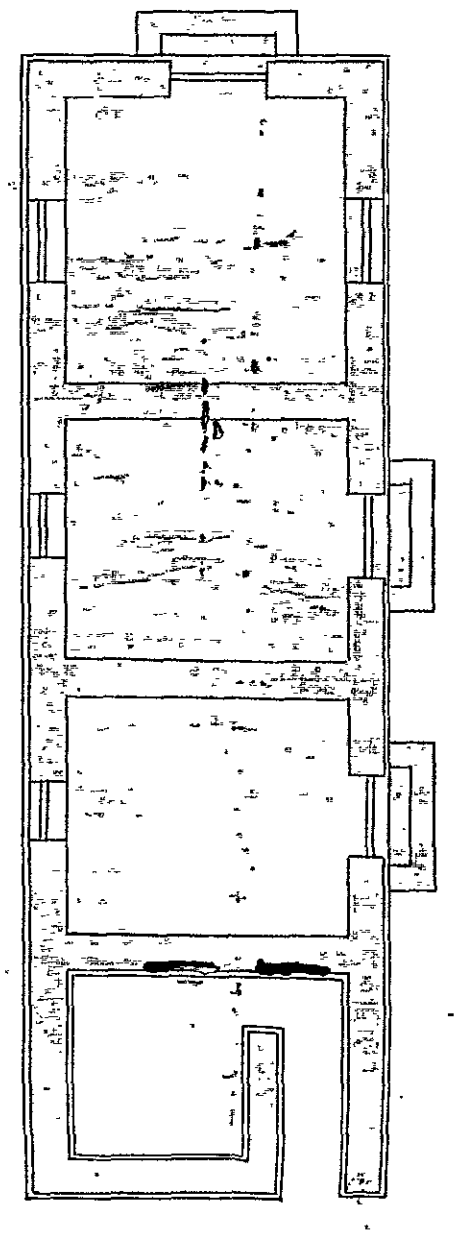

25×16
25×16

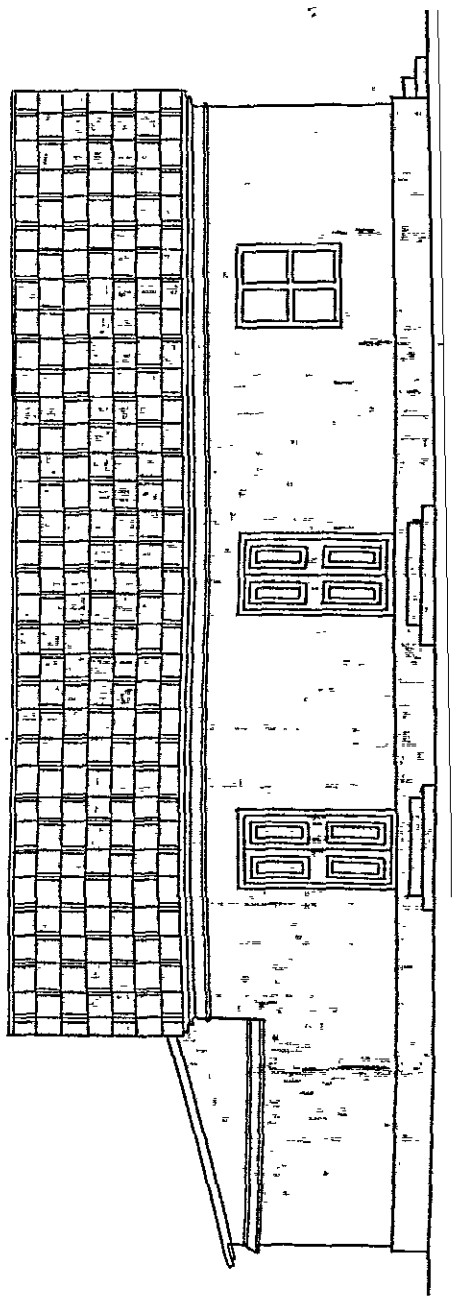


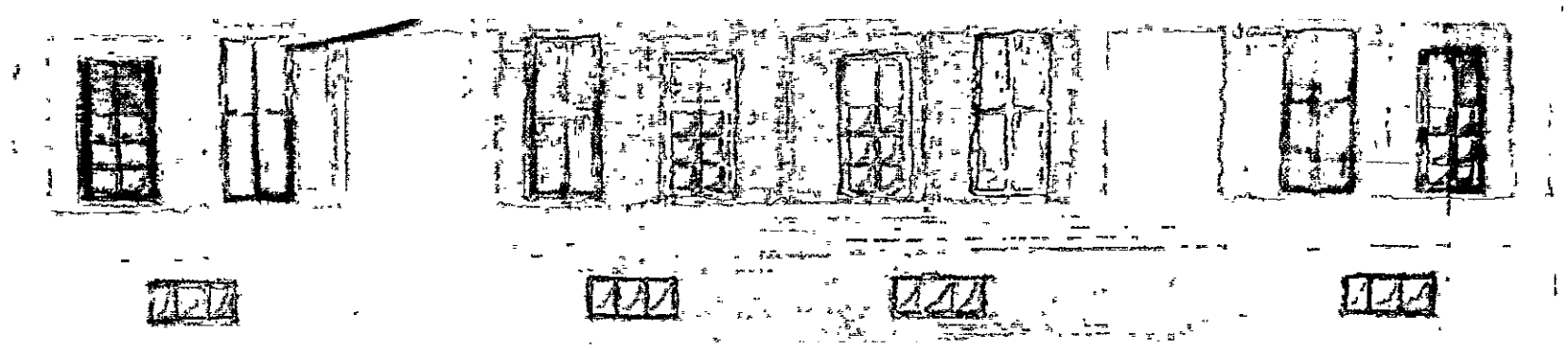


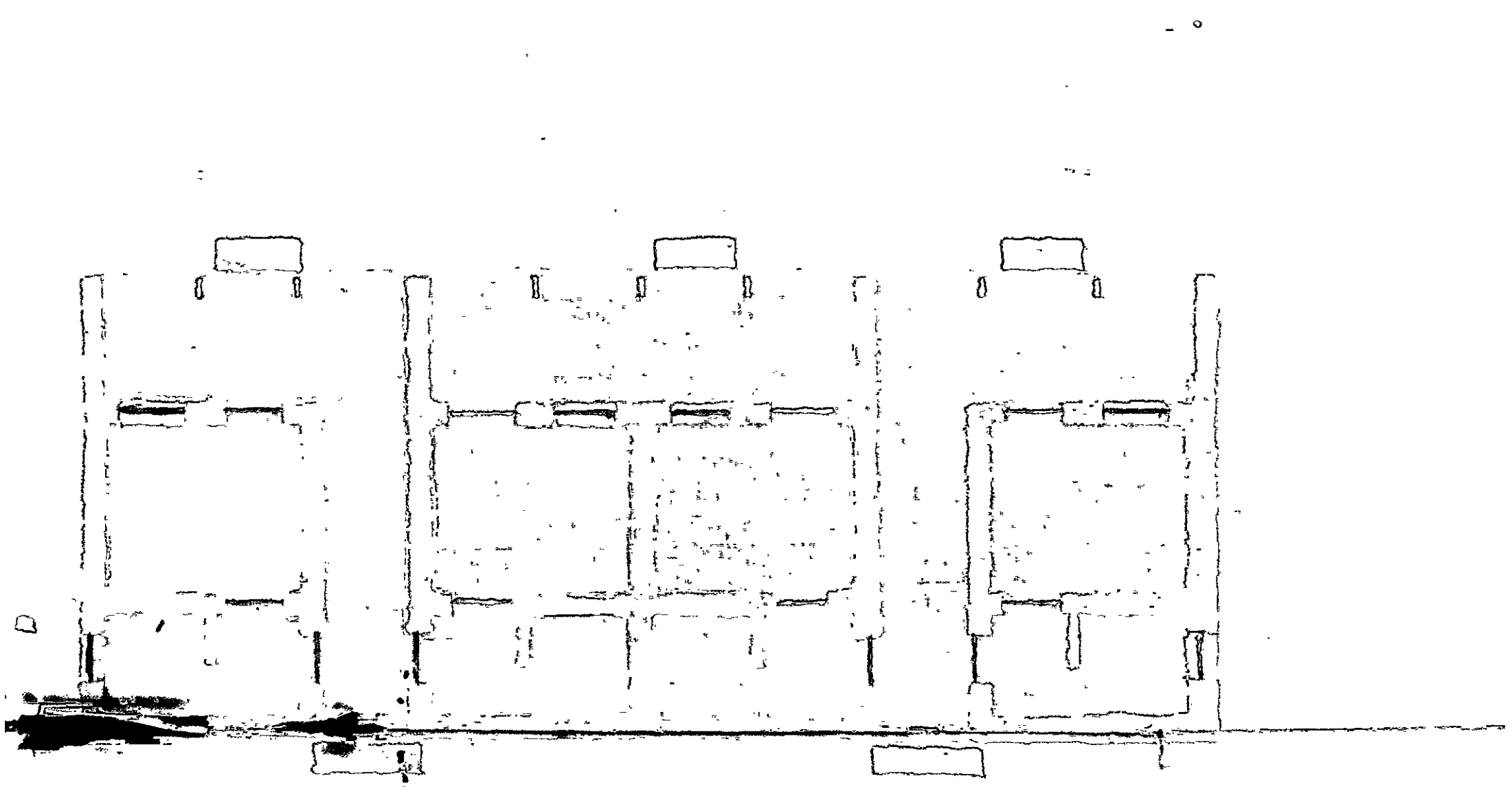


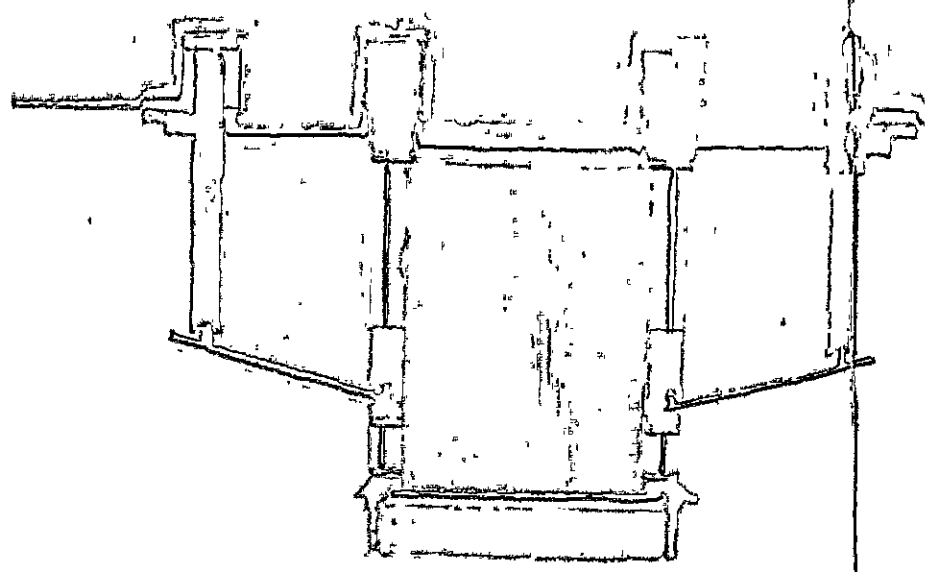








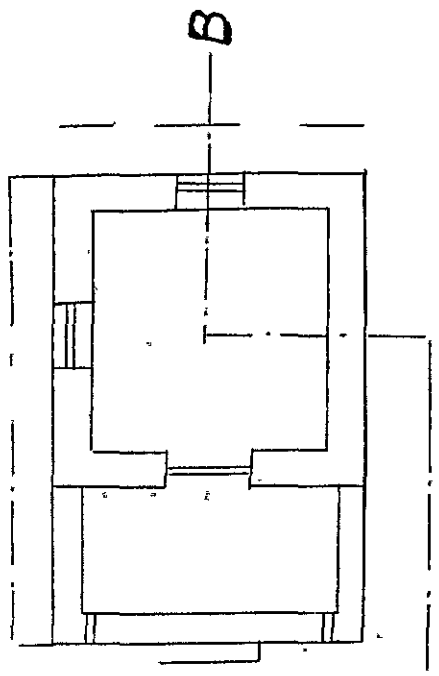




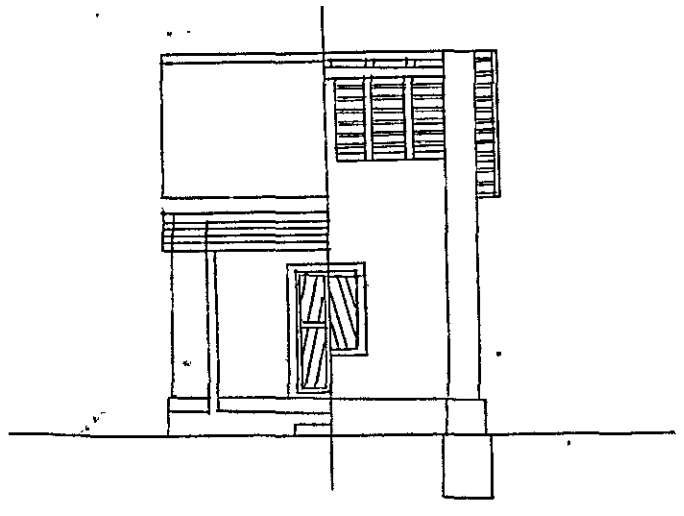
Compound Wall.
Gate Lodge.
Covered way. No plan
Drainage, —— do ——
Estimate for Com. wall.
Rs. 2970.
do. Gate Lodge Rs. 840
do Covered way Rs 1060.
do. Drainage Rs. 3240.

Covered way
Gate Lodge
&
Compound Wall
Drainage

Gate Lodge.

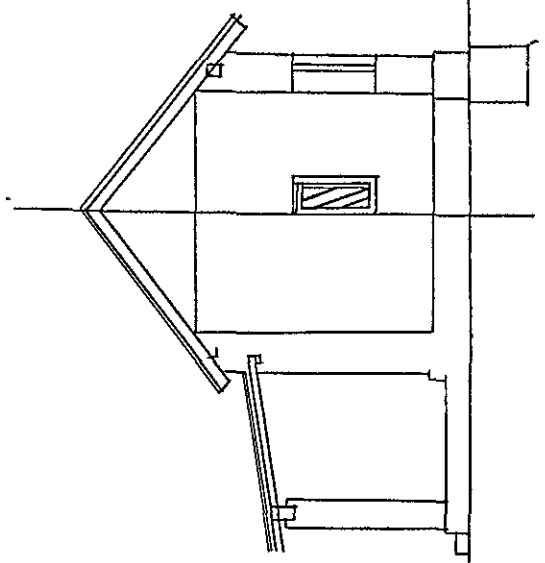


Elevation & Section

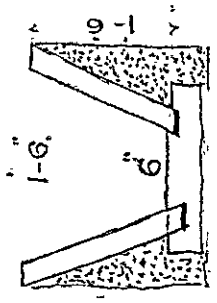


Scale
8' = 1 inch.

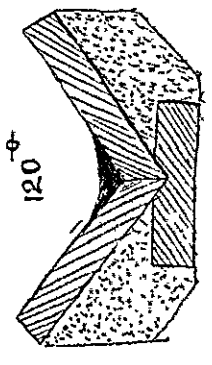
Section on A.B.



Main Drain



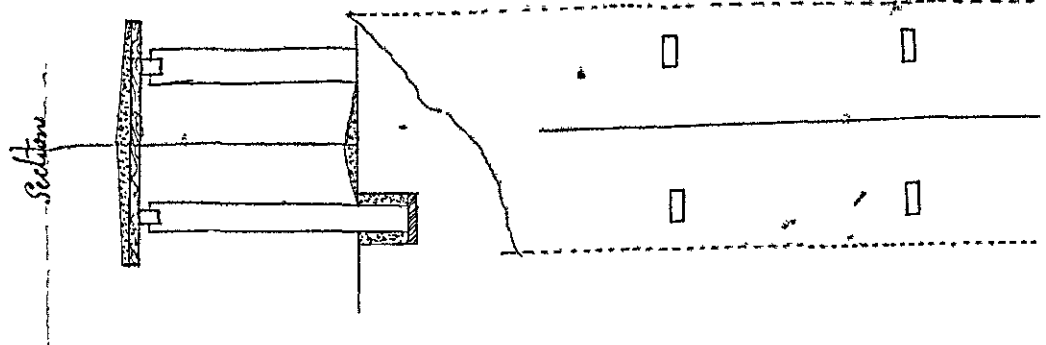
Section of Drain



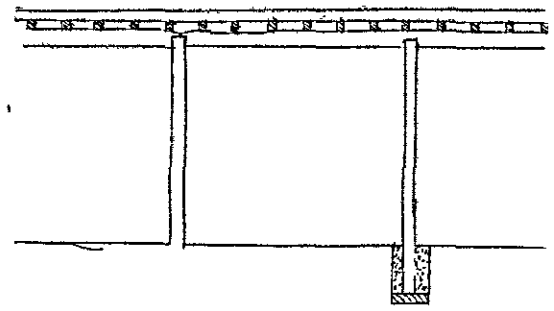
COVERED WAY

Plan

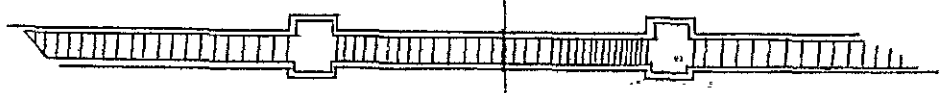
Section



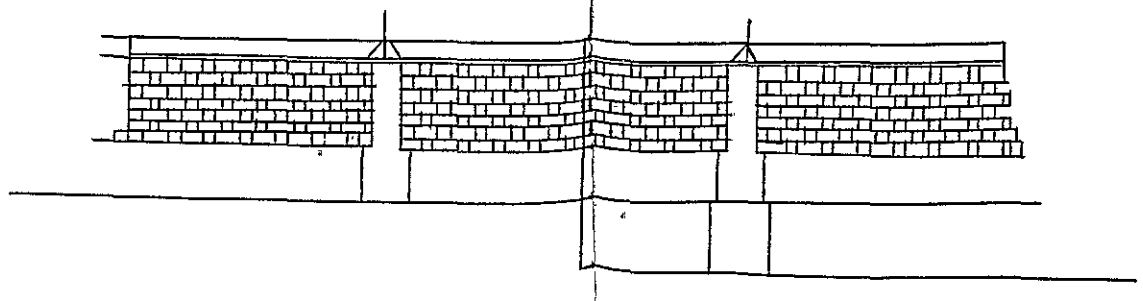
Elevation



Compound Wall.



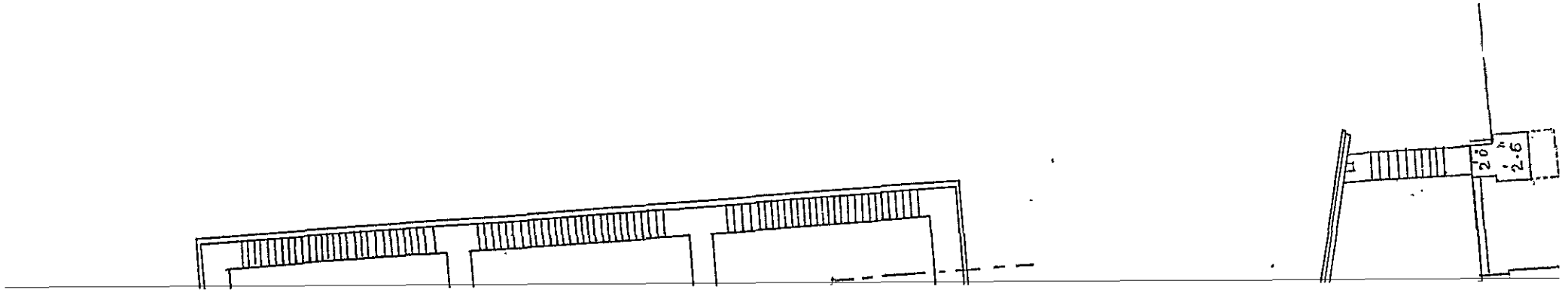
Elevation

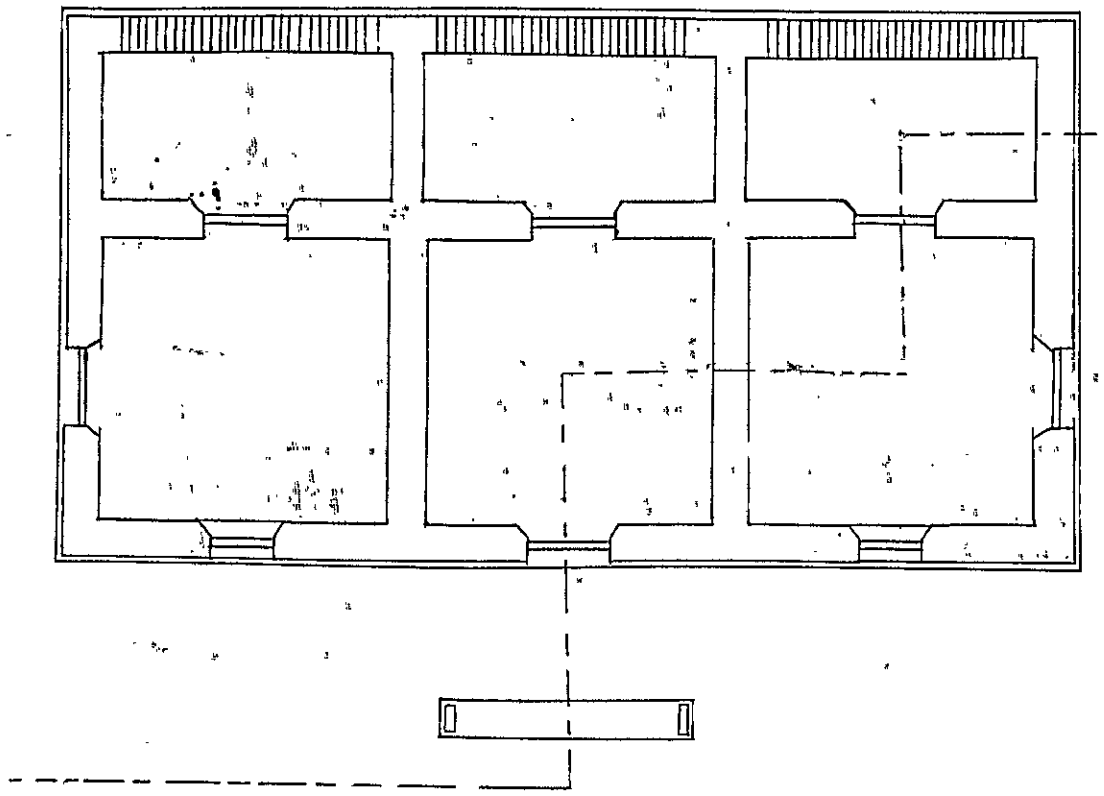


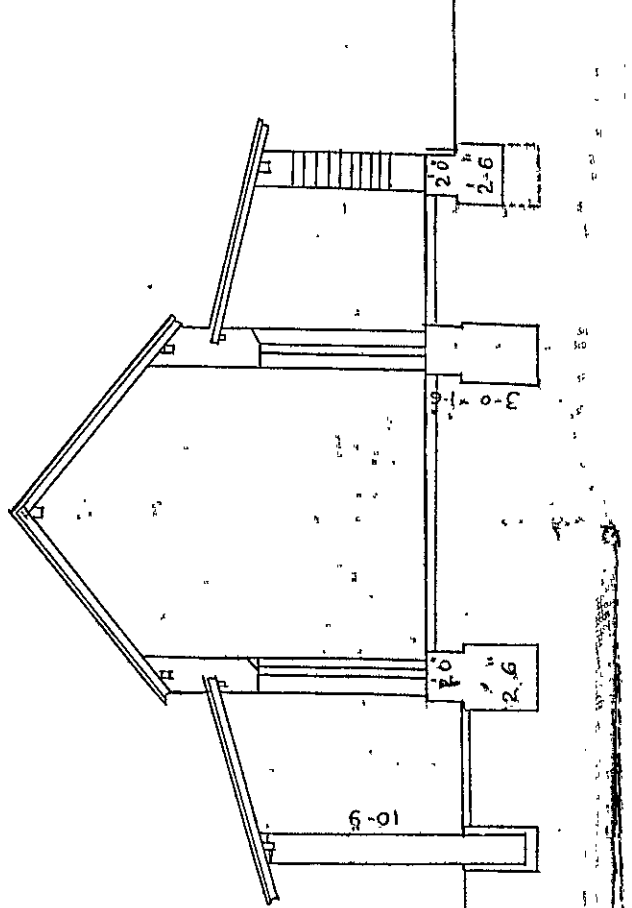
Lieut. Colonel
Garrison
Dover
Dover

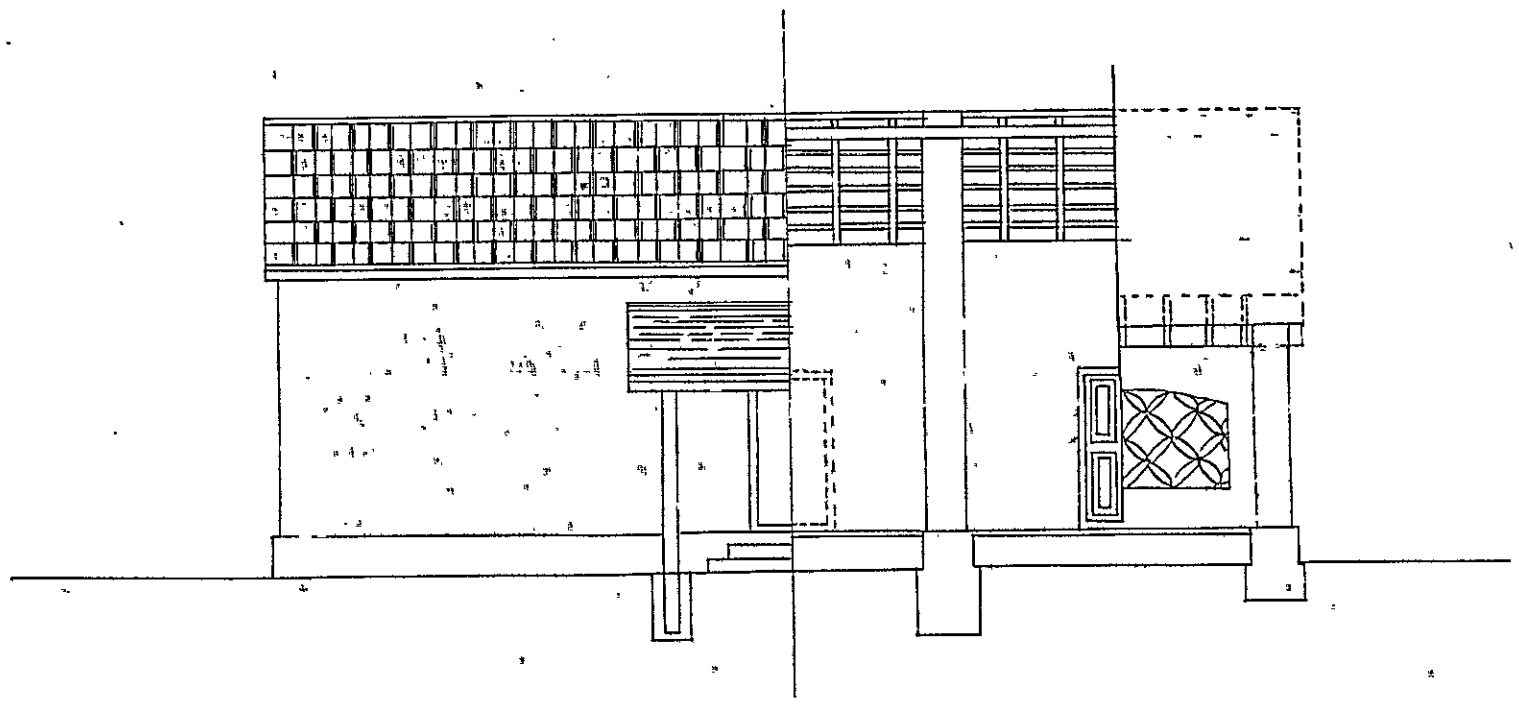
C AND M.S. MUNICIPALITY BANGALORE

NEW WOMEN & CHILDREN'S HOSPITAL

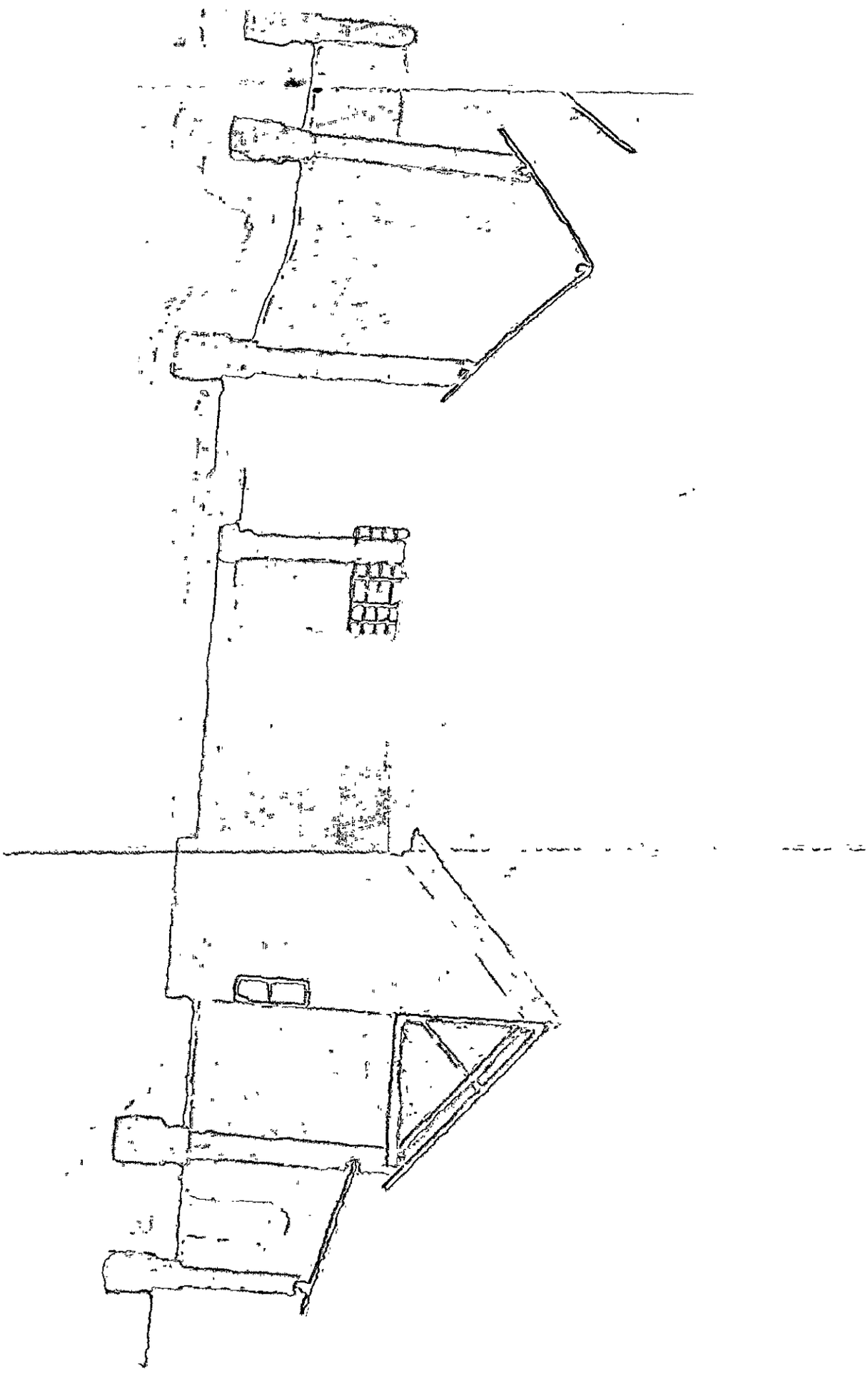


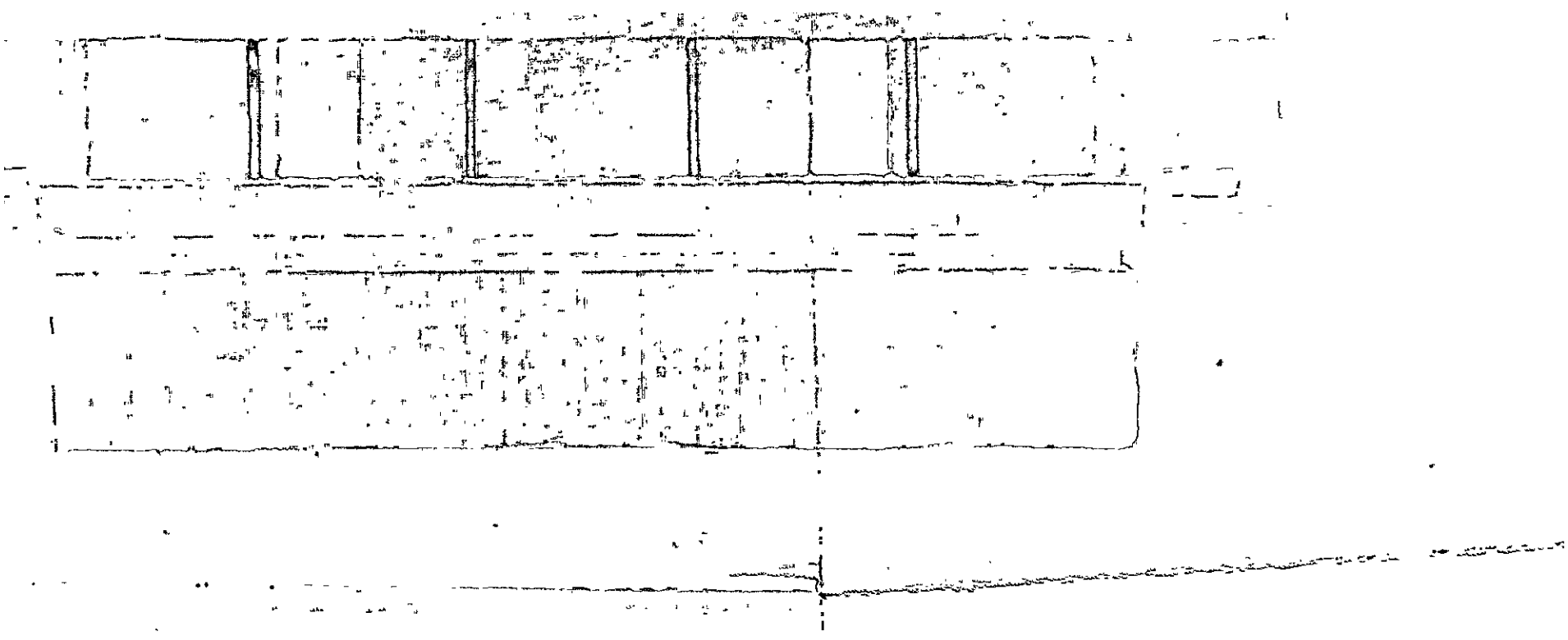


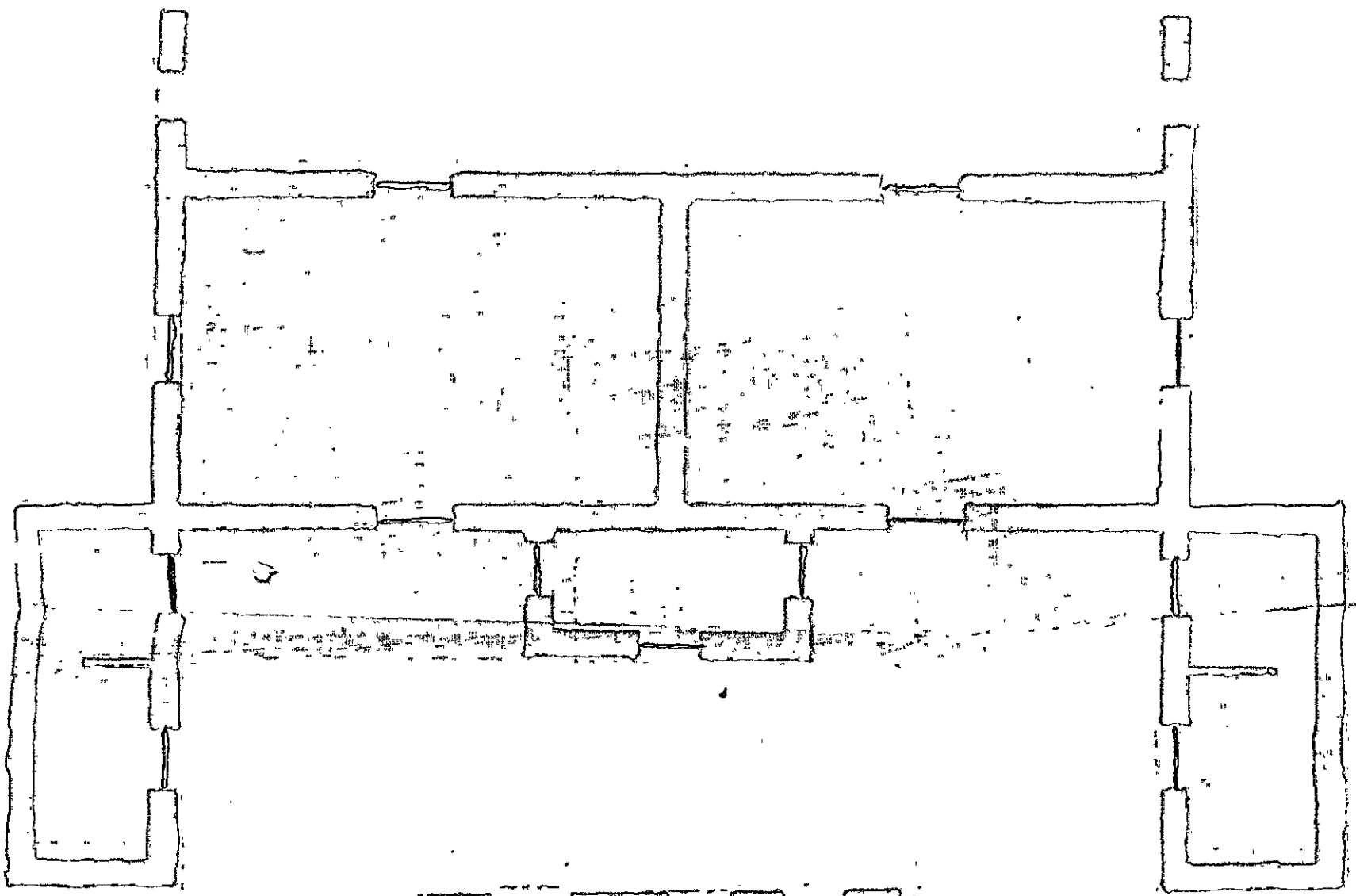


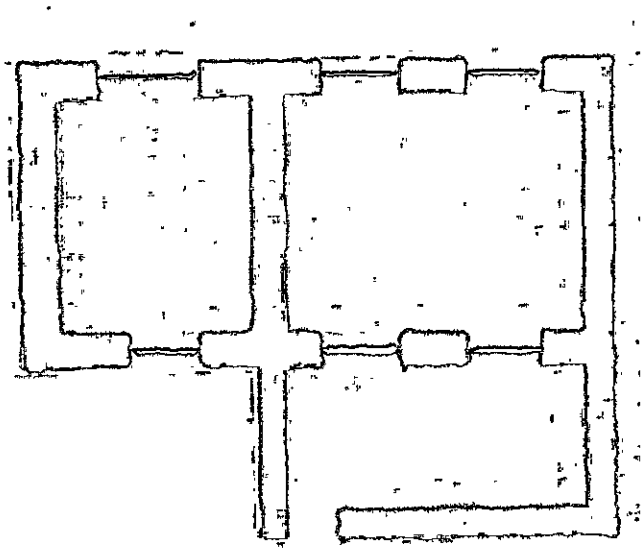


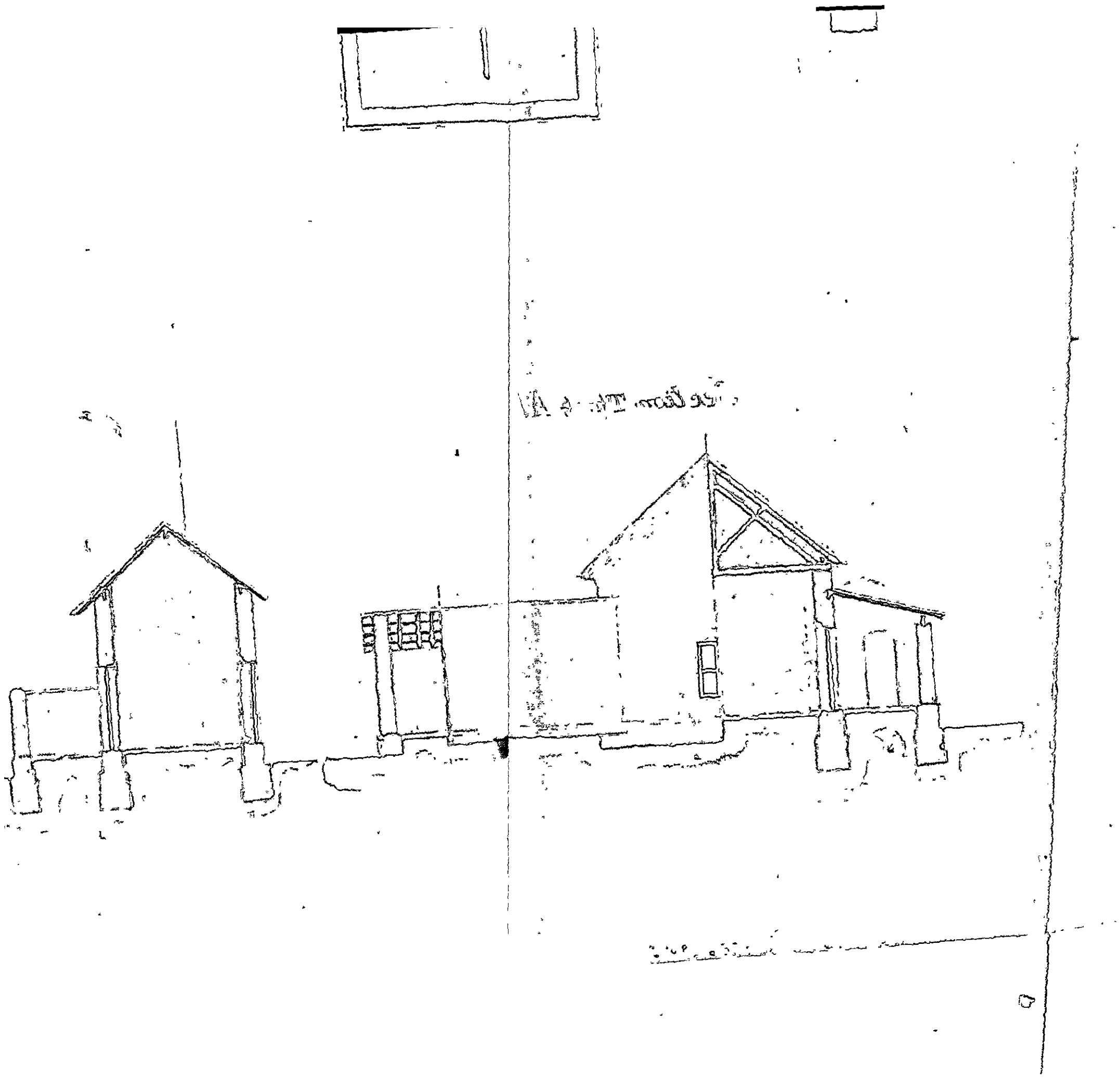
Arch. Architecture
Edward R.

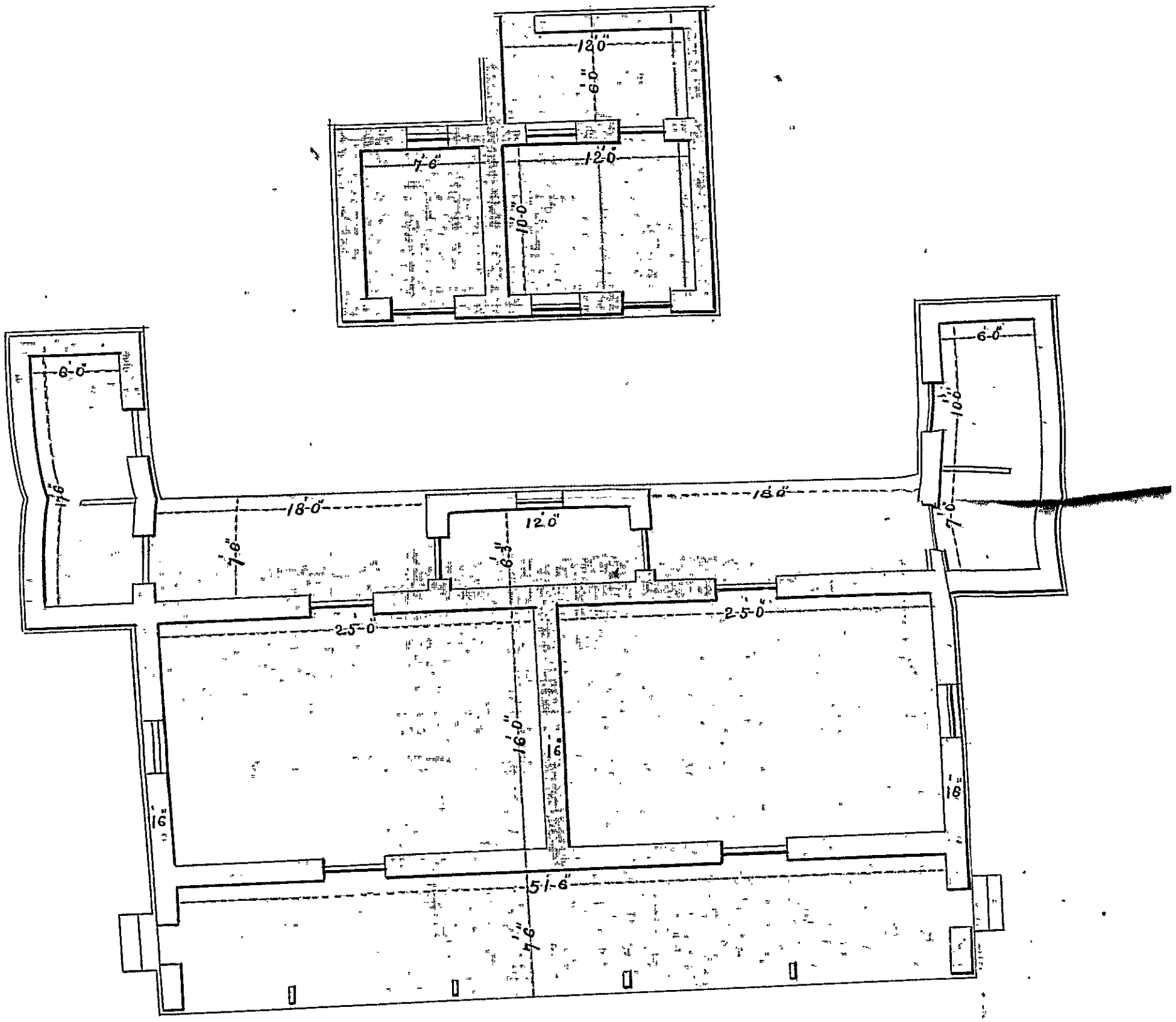




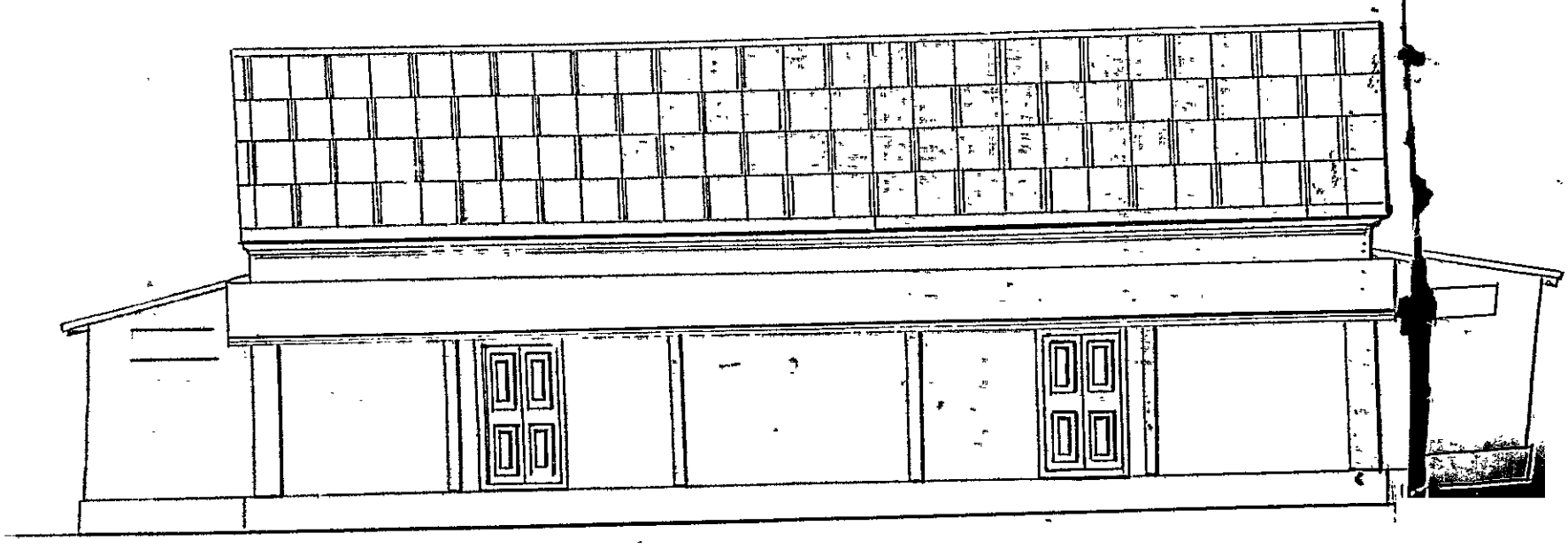






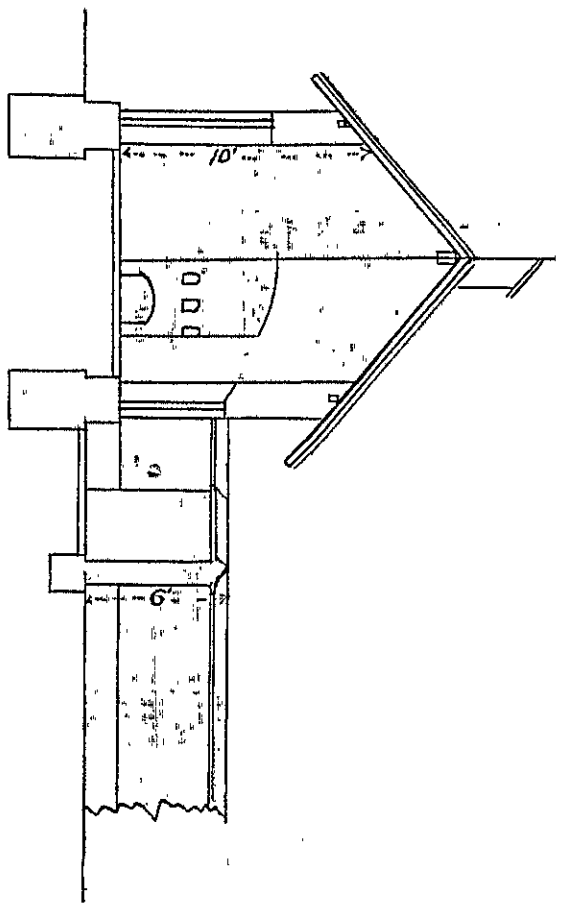

12'0"
6'0"
7'6"
12'0"
10'0"
6'0"
17'6"
18'0"
7'8"
12'0"
8'3"
18'0"
7'0"
2'5'0"
2'5'0"
16'0"
16'
16'
16'
5'1'6"
7'6"

Elevation

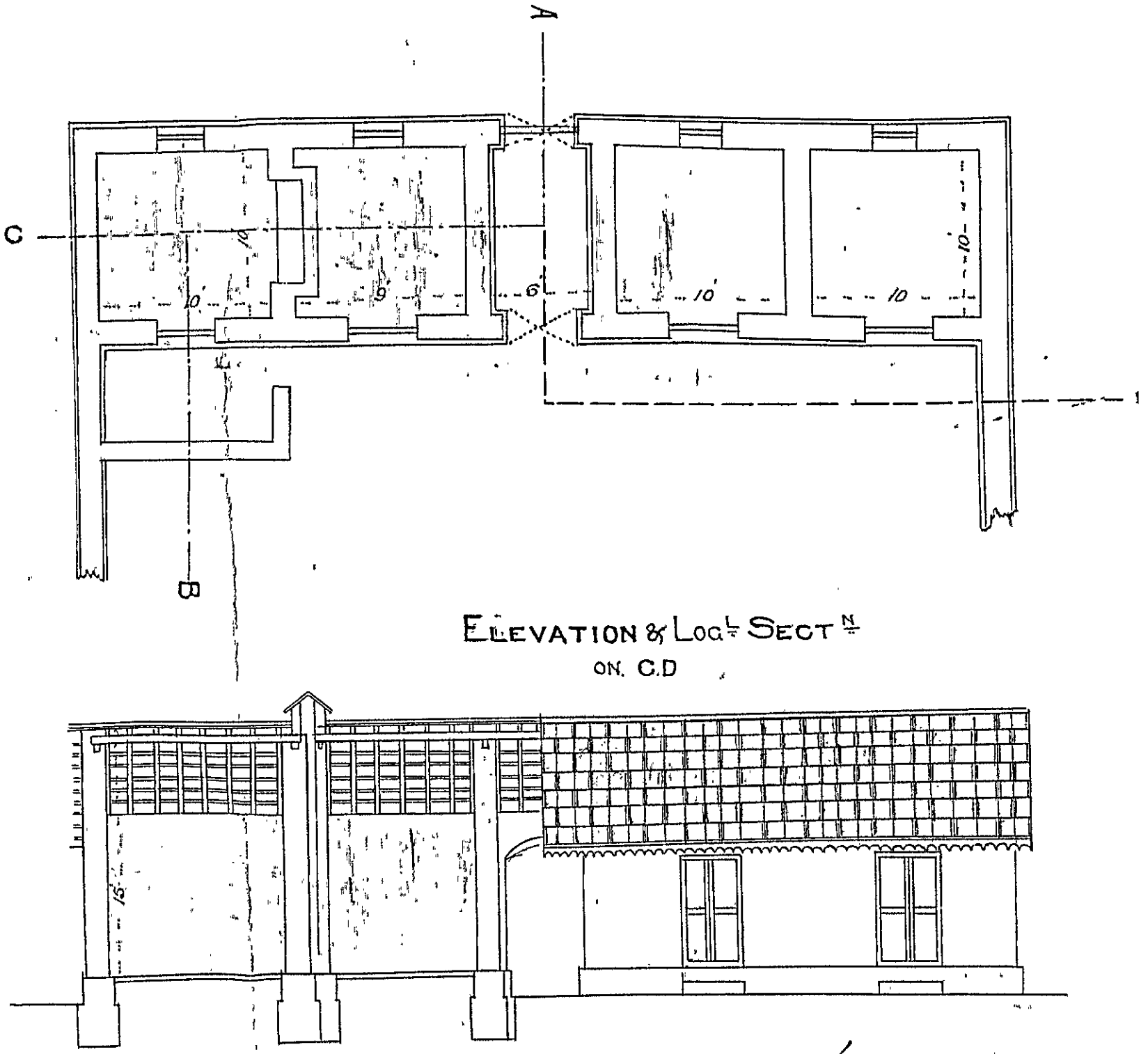


SISTERS

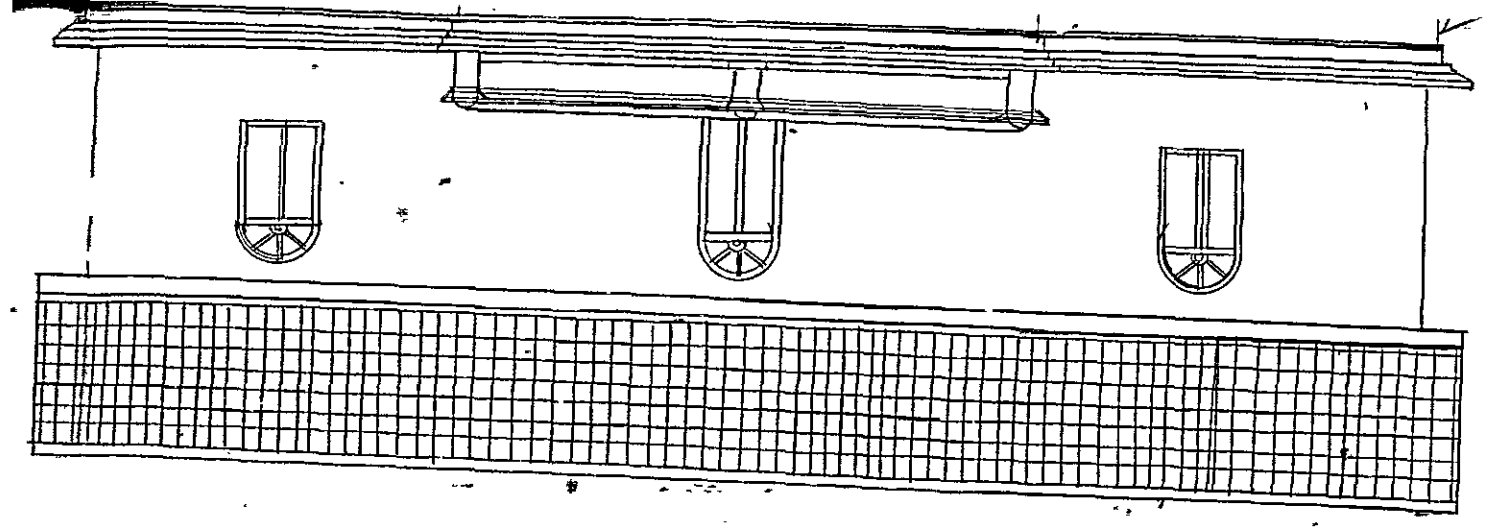
KITCHEN

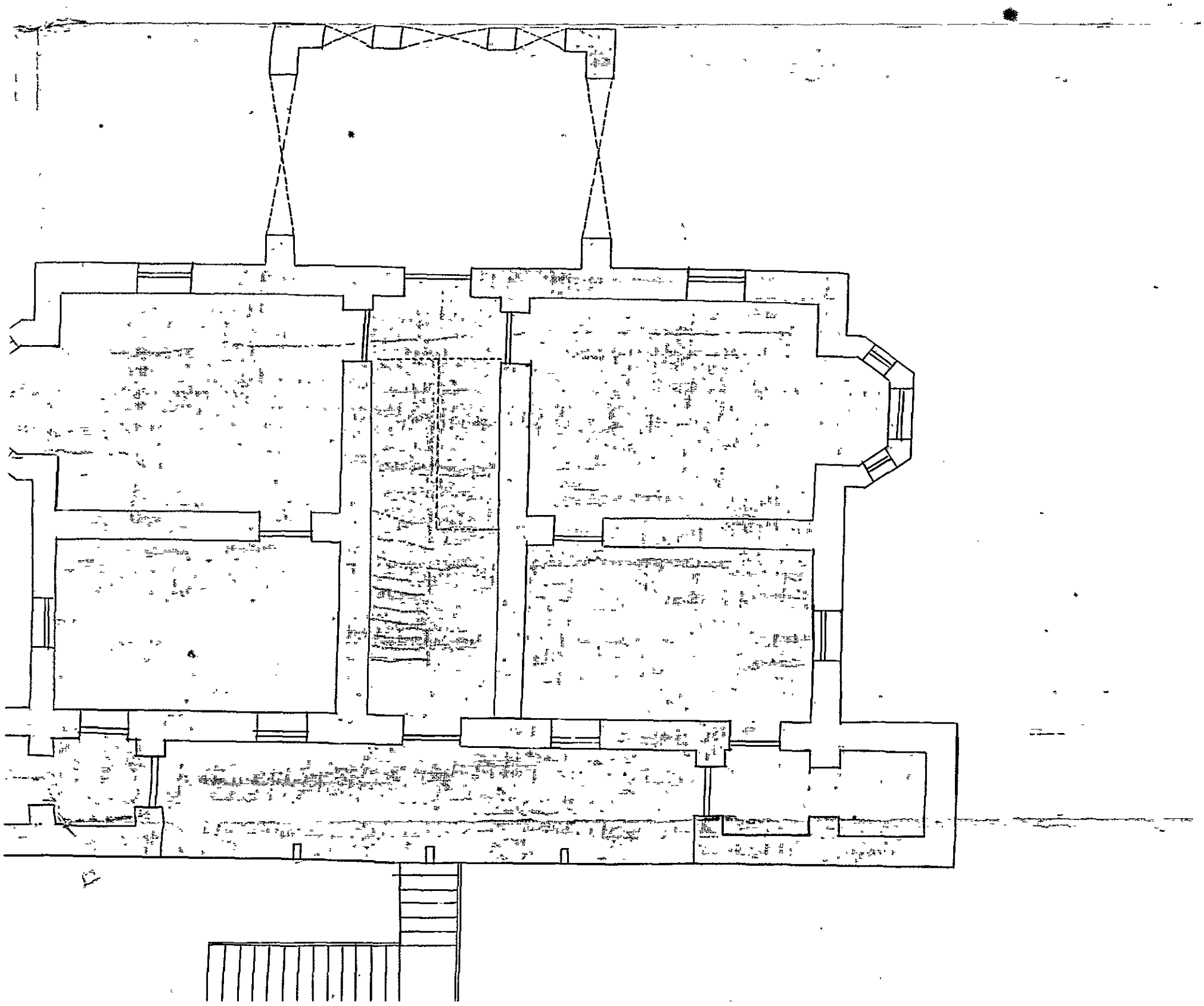


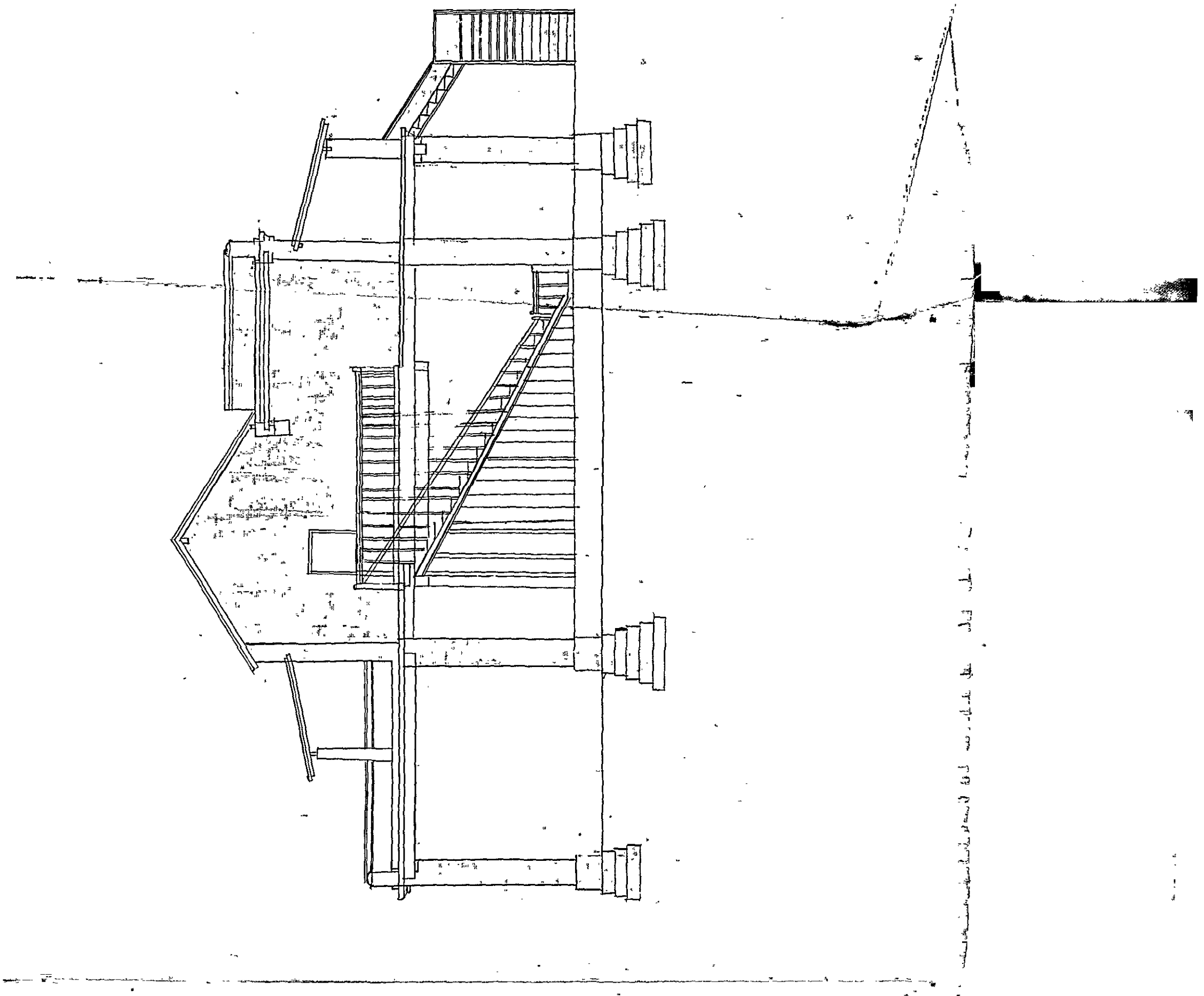
SECTION ON A B

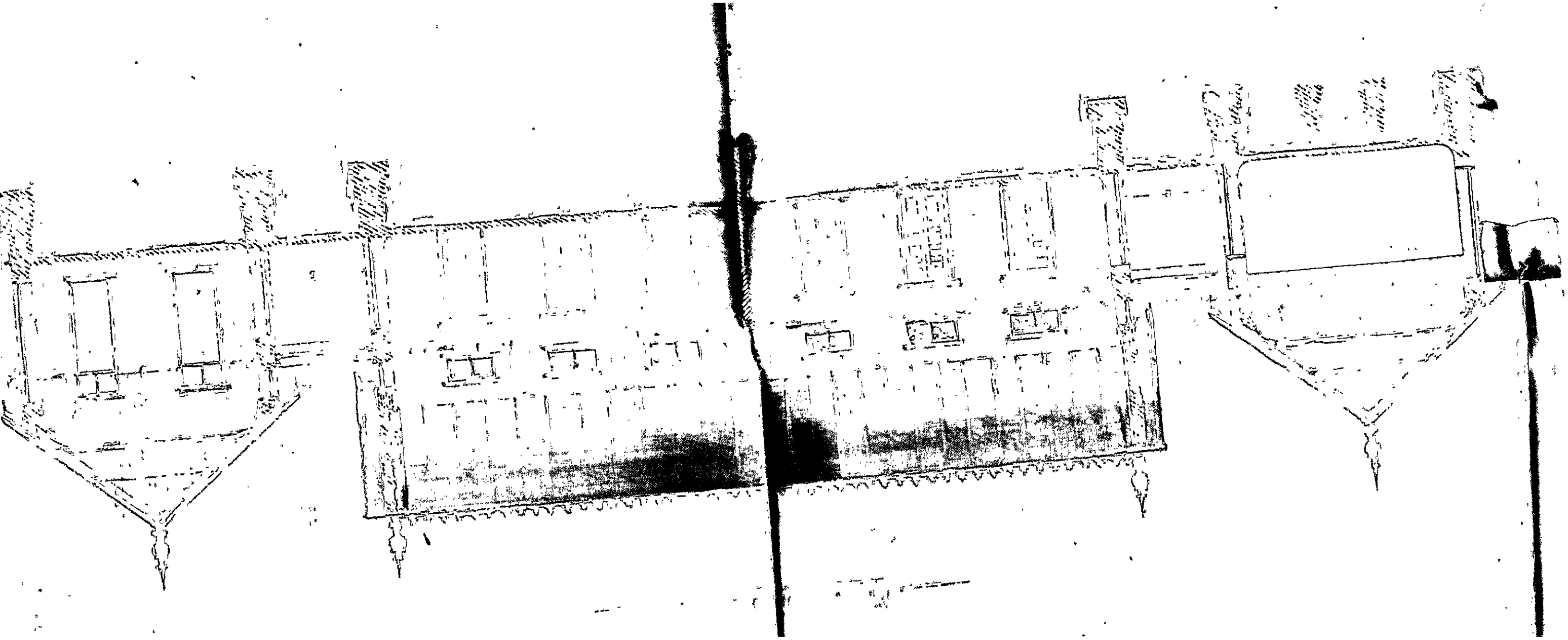


ELEVATION & LOOK SECT N
ON. C.D





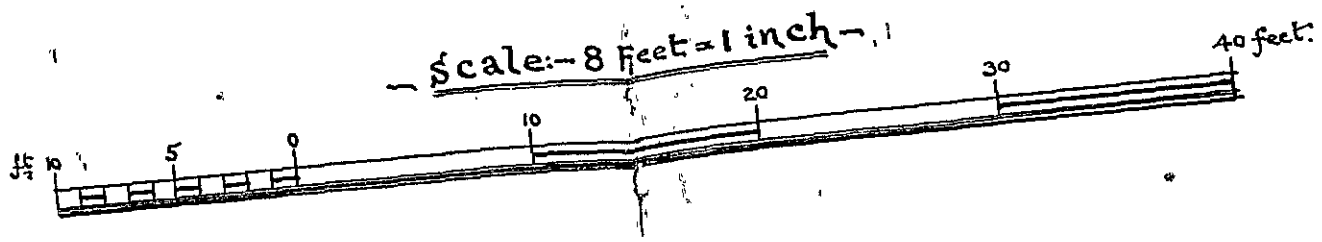




Bowring Hospital

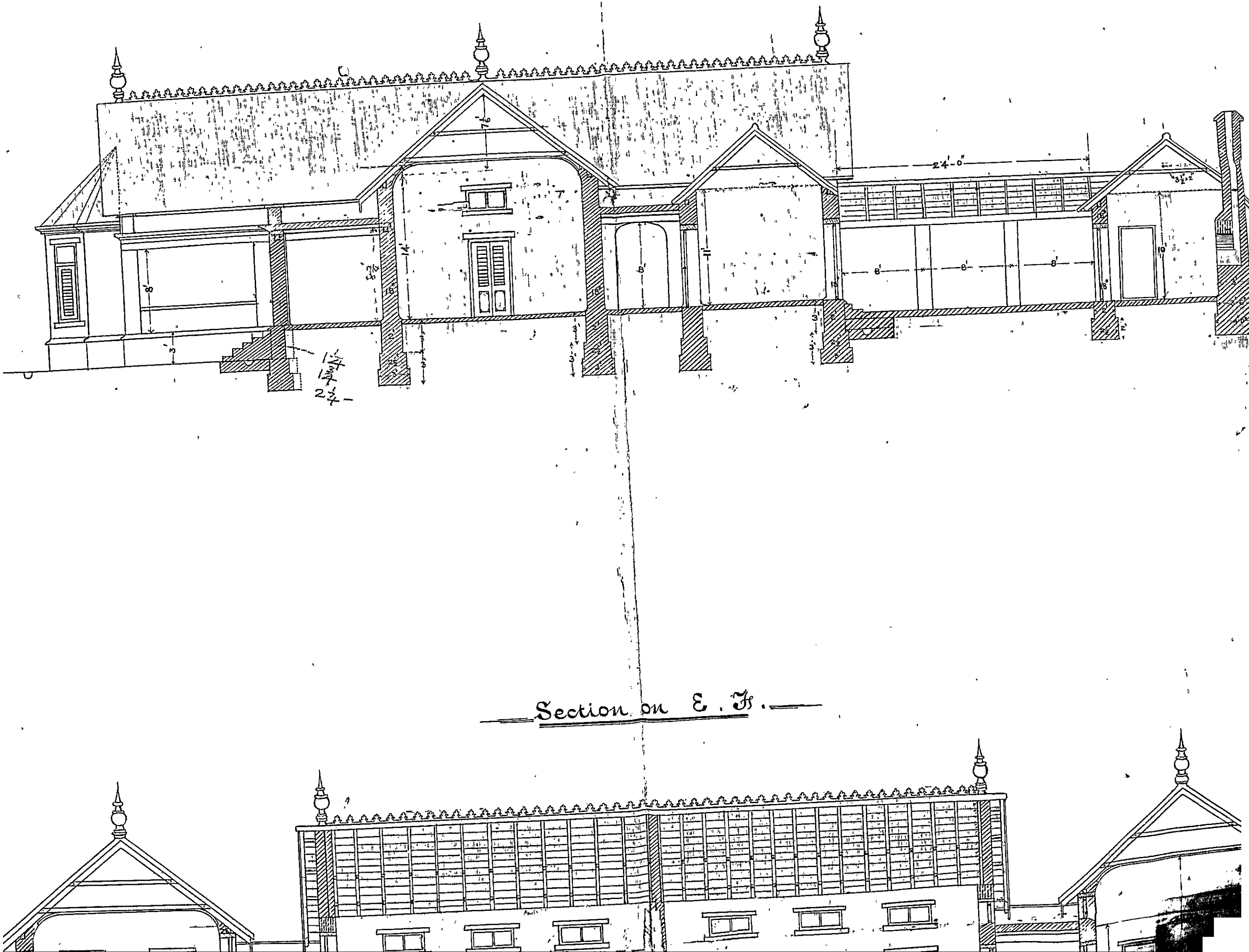
Female Non Caste Block

Scale:- 8 Feet = 1 inch

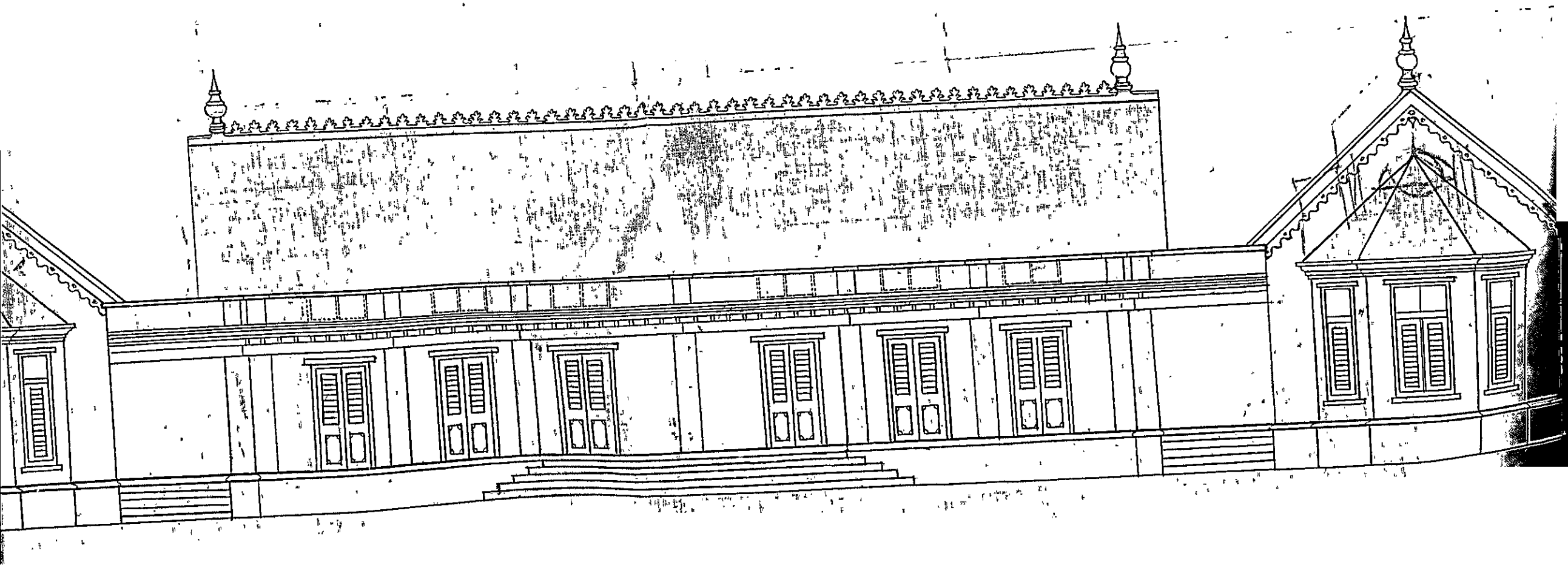


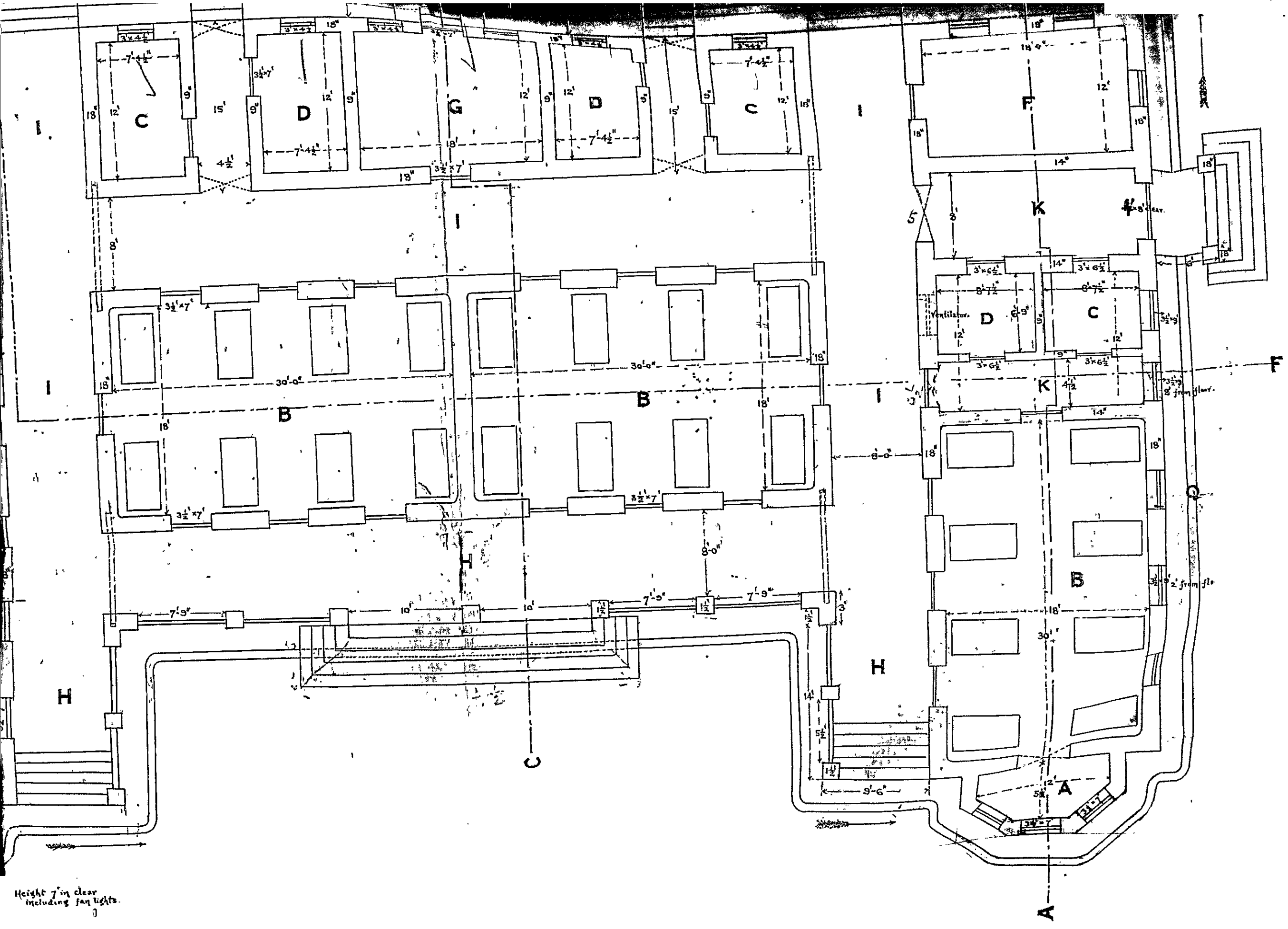
Section on A.B.

Section on E. F.



Front Elevation





REFERENCE

I _ Corridors.
K _ Passage.
L _ Covered way.
M _ Kitchen.
N _ Kitchen Stor
O _ " Scul
P _ Servants Ge
Q _ Drain.

FEMALE [illegible]

Scale:- 8 feet = 1 inch

10 5 0 10 20 30 40 feet

To Sewer

A B C D E F G H I K L M N O P Q

3½'×7' 3'×4½' 3½'×7½' 3½'×7' 3'×4½'

12'-0" 24'-0" 18'-0" 8'-0" 14" 15' 12' 9" 18" 16" 8' 6½' 4½' 4-6"

7'-4½" 5' 3' 2'-0" 2'-6" 8' 7' 14" 18" 16" 9" 15' 12' 8'-0" 18'-0"

5' x 3' clear.

Civil and Military Station Municipality

Bangalore

Proposed additions and alterations to the Bowring

Civil Hospital

Hospital for Infectious Diseases

No:	Description of Work	Amount of Estimate	Remarks.
1 ✓	Single Ward of 4 beds @ Rs 330 each	2660	✓
2 ✓	Double Ward of 8 beds @ 287/0 each	5740	✓
3 ✓	Converting Dispensary into administration block	400	✓
4 ✓	Servants rooms	970	✓
5 ✓	Fumigating & P.M. Room	930	✓
6 ✓	Covered way	1260	✓
7	Surrounding walls Improving the present Rs 250 Partition wall — 150	400	
8	Box drains	960	
9	Mortuary	1710	✓
10	Demolishion of Cent. Wards	1070	
	Total Rs	16100	

Chas. F. Finch

President of the Sub Com

Civil and Military Station Municipality

Bangalore

Proposed additions and alterations to the.

Bowring Civil Hospital

Hospital for Male Patients

(existing building)

No:	Description of work	Amount of Estimate	Remarks
1	Kitchens for European & Iron Caste Patients	1470	
2	Kitchens for Caste Patients	1280	
3	New Verandah	2400	
4	Altering old Verandah	1200	
5	Raising floor of Verandah & tiling	320	
6	Stairs to N. Sisters Room	307	
7	Screen wall at back of wards	260	
8	Box Drains	440	
9	Compound wall Constructing new wall in place 220 Improving the existing 330	550	
10	Improving the present Operation Room	230	
11	Sculleries in Wards 4 of 40 ft each	160	
12	Demolishing old buildings	183	
	Total Rs	8,800	

Chairman

President Park Committee

WDR

Proposed Ward of 4 beds, with Cook room &c.
for
Special Paying Male Patients

Male Paying Patients Ward	5,000
Total	5,000

Wm. T. Lucas
President Asst Committee

— Women and Children's Hospital including
— Caste wards of 16 beds, & Maternity of 16 be
— for all Classes —

No.		Description work		Amount of Estimate	Remarks
~~1~~		Maternity	A	10.000	Mr. Hajee Ismail Sa
+ 2		Caste wards of 4500, each	B+G	9000,	Messrs. J.P. Amaraca Moodliar & V. Gungā
3	✓	European & Non Caste Surgical & Medical of 10.000, each	C+F	20,000	1 block of Rs 10,000, promised
4	✓	Nursing Sisters Quarters	D	10,000	—do— do—
5	✓	Hospital Cookroom & Store	E	3,500	Municipal
6	✓	Destitute Patients wards	Godown H	4,000	Promised
7	✓	Laundry & S.M. Room	I	1,200	Municipal
8	✓	Mortuary	K	3,500	—do—
9	✗	Surrounding walls 3 Sides	L	2,500	—do—
10	✗	Gate & Lodge	M.	500	—do—
11	✗	Covered way	N.	1400	—do—
12		Drainage		2500	—do—
13		Levelling Charges & Sundries		400	—do—
			Total Rs	68,500	
	✓	Paving Pathways ward I		5,000	Municipal
			Grand Total Rs	73,500	

3500

— abstract —

	Own fund	Contri	Total	
Infectious Hospitals & Male General Hospl	29.900	-	29.900	
Woman Childrens —	30.500	43.000	73500	
Equipments	10.000	-	10.000	H.C.
Total	70.400	43.000	113.400	

Summary of Cost and Source of Funds.

No.	Description	Amount	Total
1	Bowring Civil Hospital —		
	Infectious Diseases Hospital	16,100	
	Male General —do—	8,800	
	Total Rs.	24,900	
	Paying Male Patients ward	5,000	29,900
2	Woman & Children's Hospital —	68,500	
	Paying Female Patients Ward 3	5,000	
	Total Rs	73,500	73,500
3.	Equipment, Complete for Hosp. for Infectious Diseases & the new Female Hospital &c.		10,000
	Grand Total		113,400
	Contribution from Private Donors.		43,000
	From Municipal Funds		70.400

N.B. The original cost as estimated by the Municipal Engi was Rs 202,000 odd, consequently the modification, and revision of the plans & estimates by the Hospital Sub Committee has led to a total savings of Rs 89,000 of whi Rs 70,400, have to be met from Municipal Funds, and the balance Rs 43,000, from Private Contributions against Rs 112,000 from Municipal Funds and Rs 9,000 from Private Contribution.

W. H. Teacher

President of Sub Committee

General Abstract Estimate,—~~Continued~~. <6 Maternity ... No 1

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	European Labor W				4530	
	Non caste ward				3140	
	Waiting Ward				2110	
	Cook Room				1220	
					Total Rs	11,000
	Deduct 10 % for Private				1000	
					Amount of Estimate	10,000

Dated at Bangalore

Total Estimate Rs... 10,000-

Overseer.

Executive Engineer.

C. & M. Station Municipality,

BANGALORE.

PUBLIC WORKS DEPARTMENT.

DETAIL & ABSTRACT ESTIMATE.

No. *of* 189

of the probable cost of

_____

_____

_____

Amount of Estimate Rs. _____

_____

Sanctioned by _____

_____

On the _____

Work commenced _____

Work completed _____

Actual Cost _____

MORNING STAR PRESS,—BANGALORE.

European & Labor Ward

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	European Labor Ward						
	Earth work.						
	Excavations of						
	Foundations						
	Longitudinal walls	2	66	3	3	1188	
	End and cross walls	4	16½	3	3	594	
	Bay window	1	16½	3	3	149	
	Partitions at Ends of B.	2	4½	3	3	81	
	Screen wall	2	8	3	3	144	
	End of Bath room Ells	2	11½	3	3	207	
	Sides of do.	1	4½	2¾	2	37	
	Retaining wall	1	16½	2¼	1	26	
	Pillars	1	2½	1½	3	10	
	End walls of Verandas	1	7½	2½	2	38	
	End of closet						
	Sides do do.	1	8	3	3	72	
	Earth filling at sides	2	5½	2¾	2	61	cft
				Total		4444 3951	305 1
	Stone in Mortar						
	filling the Foundations						
	Longitudinal walls	2	65½	2½	3	975	
	End and Cross	4	17	2½	3	510	
	Bay Window	1	17	2½	3	128	
	Portions at Ends of B.	2	4½	2½	3	68	
	Screen wall	2	8	2½	3	120	
	End of Bath l. was	2	11½	2½	3	173	
	Sides of do.	1	5	2½	3	38	
	Retaining wall of Verandah	4	16½	1¾	1	29	
	End wall of Veranda	1	4½	2¼	2	34	
	Ends of closet Ells	1	8½	2½	3	64	
	Sides do.	2	6	2¼	2	54	
				Total		—	2193
	Stone in Mortar Basement						
	Longitudinal walls	2	65	2	2	520	
	End and cross	4	14½	2	2	280	
	Bay Window	1	17½	2	2	70	
				Carried Over		870	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Partition at Ends of Bay	2	4½	2	2	36.	
	Screen wall	2	8½	2	2	68.	
	End of Bath room & W	2	11½	2	1	46	
	Sides of do.	1	5½	2	1	11	
	Retaining wall of Verandah	1					
	End walls of Verandah	1	17	1¼	1	21	
	End of Closet & Wash	1	7½ 9	1⅝2	1	14⅛	
	Sides do.	2	7½	1¾	1	26	
			Total			1110.	
	Deduction						
	Sills of doors	4	5½	2	½	22.	
	do Small	6	4½	2	½	27	
	Steps for doors	1	4	1½	½	3.	
	do do.	1	24	½	½	6.	
	do.	2	15	½	½	8.	
			Total allowed			66.	
	Total		less Deduction				1044
	Stone in Mortar						
	Superstructure	2	64½	1½	12	2322.	
	End & cross walls	5	18	1½	12	1620.	
	Bay Partition	1	18	1½	10½	284.	
	Partition & Screen	2	9	1½	12	324	
	Screen wall Overlap	2	9	1⅛	8	162	
	End of Bath room	2	11¼	1½	12	405	
	Sides of do.	1	6	1½	12	108	
	End walls of Wash	1	7½	1⅛	8	68	
	Ends of closet European	1	9	1½	12	162	
	Sides &c	2	8	1¼	12	240	
	Gables.	3	21	1½	4½	425	
			Total			6120	
	Deduction						
	Doors large.	4	4	1½	7	168	
			Carried Over			168	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Reduction Brought forward					168	
	Doors small	6	3	1½	6	162	
	Windows large	3	4	1½	5½	99	
	do of Bay Small	2	2½	1½	5½	41	
	large windows of Bay	1	3½	1½	5½	29	
	Archway Rectangular large	2	6	1½	6	108	
	do Semicircular	2	8½	2×.7854	1½	38	
	do Over door	10	6½	2×.7854	1½	249	
	do Rectangular Bay	1	9	2	1½ 7	95	
	do Semicircular	1	1 7¾	1½		27	
	Ventilators	3	4	1½	2	36	
	Honeycomb Work	1	4	1½	4	24	
	Sills & Lintels of Ventilators	3×2	5½	1½	1½	28	
			Total deduction			1101	
			Total less deduction				5021
Pointing with Mortar.							
	Outside Longl walls	2	64	"	1½	1792	
	End walls	2	21	"	1½	588	
	Bay do	1	18	"	12½	225	
	Gable	2	21	"	4½	189	
	Ends of Bath room &c	2	11¼	"	13	293	
	Sides do	1	9	"	13	117	
	Sides of Wards Bath	2	8	"	13	208	
			Total			3412	3412
Plastering with Mortar.							
	Inside wards	1	80	"	12½	10000	
	Lists & Scullary	1	28	"	12½	350	
	Bath	1	29	"	12½	363	
			Carried Over			10713	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought Forward					10715	
	closet	1	31	"	12½	388	
	Gable	4	18	"	7½	540	
	Partition walls	4	9	"	7½	270	
	Labor ward	1	76	"	12½	950	
	do & Bath room	1	32	"	12½	400	
	Bay	1	15	"	10	150	
			Total			4411	
	Deduction.						
	Doors large for bay	1	9	"	7	63	
	Honey comb work	1	4	"	4	16	
			Total deductions			79	
			Total less deduction				4332
	Stone Slabs 6" thick						
	Sills Stones of doors large	4	6	2	½	48	
	do Small	6	5	2	½	60	
	do Bay Wr. large	1×2	5½	1½	(½)	18	
	do Small	2×2	4½	1½	(½)	24	
	Steps Small	1	6	1½	"	7	
	do large	1	29	1½	"	36	
	do do	1	36	1½	"	45	
			Total				242
	Stone Slabs 4" thick						
	Sills of Windows	3	5	1½	⅓	8	
	Sills & Lintels of Venti	2×3	5	1½	1⅓	15	
			Total				23
	Iron Roof work.						
	Iron Iron Work						
	King Post Irons	2×1	19½	8"	½"	26	
	Struts	2×2	5	6"	8"	7	
	P. Rafters	2×2	1⅓	6"	8"	18	
			Carried Over			51	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Teak wood work Brought Forw					51	
	King Posts	2x1	9½	8"	10"	11	
	Braces	2x2	1½	8"	6"	2	
	Common Rafters	2x4	15	3"	4"	35	
	Ridge Piece	1	35½	6"	8"	12	
	Purlins	2	35½	6"	8"	24	
	Pole Plate	2	35½	6"	8"	24	
	Wall Plate of Batt	1	11	3"	4"	1	
	Joists for Batt room	6	8	3"	5"	5	
	Total					165	165
	Labor Yard	1	19½	10"	12"	16	
	Beam	1	19½	10	12"	16	
	Joists	2x12	11	3½"	7½"	48	
	Wall plates	2	33"	3"	4"	6	
	do of Batt & Closet	2	19½	3"	4"	3	
	Joists of Batt & Closet	7	7½	3½"	7½"	9	
	R			Total			82
	Passage						
	Joists	12	7½	3½"	7½"	16	
	Wall Plates	2	19½	3"	4"	3	19
	Verandah						
	Summers	1	20	5"	8"	6	
	Joists	16	10	3"	5"	17	
	Wall Plates	1	26	3"	4"	2	25
	Bay						
	Wall Plates	1	18	3"	4"	2	
	Joists	8	6½	2½"	5"	2	
	do Step do	4	28	4"	8"	7	11
	Teak wood Panelled					Total	302
	Doors large	4	3½	"	6½	91	91
	Battened do Small	6	2½	"	5½	83	83
	Teak wood Glazed						
	Windows	8	3½	"	4½	47	

13

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Bay Windows	1	3	"	5	15	
	do Small	2	2	"	5	20	
	Ventilators	3	3½	"	1½	16.	
	Total Eight					98	
	Teak wood Sun light.						
	Over doors & Winds	7	$3\frac{1}{2}^2 \times .7854$			32.2996	33.
	Roofing with Manglore Tiles.						
	Front and Rear	2	36	16	"	1152	11.52
	Terracing Packs						
	Over Labor Ward	1	29	19½		566	5.66
	Bengal Terracing						
	Over bay	1	8½	7	"	63	
	Bath & Wr	1	11½	8½	"	98	
	Verandah	1	28	10	"	280	
	closet L wards	1	11½	11½	"	86	5.29
	Cornice Work	1	106	"	"	106	106
	Parapet wall	1	106	"	"	106	106
	Flooring with Tiles on 4"						
	Bed of Concrete						
	Ward European	1	21½	17½	"	376.	
	do Labor	1	19½	17½	"	341	
	Papaje	1	17½	5½	"	96.	
	Scullary	1	8½	4½	"	38	
	Closet & Bath &c &c	1	8½	10	"	85	
	Small Papage	1	8½	4	"	34.	
	Bath for Labor ward	1	9½	5½	"	52	
	Verandah	1	26½	6	"	159	
	Total Flooring					894	11.81
						(1200).	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Earth felling in between						
	Basement E. Ward.	1	21½	17½	1½	564	
	do L. ward.	1	19½	17½	1½	512	
	Papage	1	17½	5½	1½	144	
	Scullary	1	8½	4½	1½	57	
	Bath and closet	1	10	8½	1½	128	
	Small Papage	1	8½	4	1½	51	
	Bath for Labor ward	1	9½	5½	1½	78	
	Verandah	1	26½	5½	1	146	
						1680 cft	1680
	Arch-work:						
	Over doors & Windows	12	5.25	x3.	1½x1¼	185.43	
	Bay	1	11.2	1½	1¼	21	206
	Asphalting Basement						
	Longl walls.	2	65	3½	"	455	
	Ends & cloc rops.	5	18	3½	"	315	
	Bay	1	18	3½	"	63	
	Bath E & W ward	1	22	3½	"	77	
	do Labor ward	1	26	3½	"	91	
			Total				1001
	Concrete for foundation						
	& Pillars	1	6½	"	"	6½	6½
	Iron Straps & Stirrups	5x2				5x2	10
	Stone pillars 6"						
	Pillars of Veranda	1	11½	1¼	(½)	4	4
	Color washing Batt. room						
	Stony comb work	1	4	"	4	16	16
	Line kipping for Ventilators	6	3½	"	"	21	21
	Plastering the Ceiling						
	Ward European	2	22	11½	"	506	
	Bath & Rooms.	2	9	11½		207	
				Total		713	713

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Lumber	2				Lu	2.
	Whitewashing as per plastering inside					Sqr.	32.60
	Color Washing do do					Sqr.	45.63
	Sawing Wood work which are Embedded with Masonry.					L. S.	10.
	Wood Oiling Timber						
	King Post Trusses	1	18	"	3⅓	60	
	Struts.	2	5	"	2⅓	23	
	Common Rafters	2x4	12	"	2⅓	784	
	Principal	2	12		2⅓	56	
	King Post	1	9½	"	3	29.	
	Ridge Piece	1	31	"	2⅓	72	
	Purlins	2	31	"	2⅓	145	
	Pole Plates	2	31	—	2⅓	145	
	Joists bath &c &c	4	6	1½	"	63	
	Brackets	2	3½	"	2⅓	4	
	Beams	1	18	"	2 5/6	51	
	Joists of Ward	2x12	10	1½	"	360.	
	Pakage Joists	12	6	1½	"	108	
	Chimneys	1	20	2	"	40	
	Verandah Rafters	66	9	1	"	44	
	Rafters for Bay	12	4	1	"	48	
	Joists of Bath &c &c	6	6	1½	"	54	
					Total		2196

Civil and Military Station Municipality, Ba

Abstract Estimate No. of Work

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	3051	-"-1	Cft	16	
	Stone in Mortar Foundation	2193	-26	Cft	343	
	——do—— Basement	1044	-29	Cft	179	
	——do—— Superstruct	5021	-3 "	Cft	941	
	Slabstone 4"	242	-2 "	Sft	30	
	do 6"	23	-1-9	Sft	2	
	Concrete	7	-26	Cft	1	
	Pointing with Mortar	34.12	1-8 "	Sqr	51	
	Plastering do	43.32	2 8 "	Sqr	108	
	Teak wood work	302	3-4 "	Cft	978	
	Roof Covering with M Tiles	1.52	24-8 "	Sqr	282	
	Terracing Pucka	5.66	28 " "	Sqr	158	
	——do—— Bengal	5.27	18 " "	Sqr	95	
	Cornice 9" deep	106	"-4-"	Rft	27	
	Parapet wall	106	-56	Rft	36	
	Flooring with tiles	11.81	15 "-"	Sqr	177	
	2 Wood Panelled Door	91	1-" "	Sft	91	
	——do—— Battened	83	1-14 "	Sft	73	
	——do—— Glazed	98	1-2 "	Sft	110	
	——do—— Fan light	33	1-4 "	Sft	41	
	Planking the Ceiling	713	"-4-"	Sft	178	
	Finials	2	2 " "	Each	4	
	White washing	32.60	-26	Sqr	5	
	Color do	45.63	"-4-"	Sqr	11	
	Wood oiling	21.96	2 " "	Sqr	44	
	Fairing	Lump	Sum	Rs	10	
	Earth filling in	1680	"-"-1	Cft	9	
	Asphalting	1001	"-2 "	Sft	125	
	Iron Straps & stirrup	10	2 " "	Each	20	
			Carried over	Rs	4145	

17

Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Brought Forward			—	4145	
	Arch work in Mortar	206	-4-	Cft	52	
	Stone Pillar 6" thick	14	-26	Cft	2	
	Honey Comb Work	16	14 -a-	Sqr	2	
	2 Fine Piping	21	-10-	Cft	13	
	Total			Rs	4214	
	Contingencies @ 7½ %				316	
	Grand Total			Rs		4530
			At			

Maternity — Non Caste Patients Ward of 8 beds.

Detail Estimate,—*Continued.*

18

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earthwork						
	Excavation						
	Front + Rear walls	2	28½	3	3	513	
	Sides	2	22½	3	3	405	
	Bath room rear	2	10	3	2	120	
	do Sides	2	16½	3	2	198	
	do Partition	1	10½	2¼	2	47	
	Retaining wall of Verandah	1	43½	1¾	1	76	
	Pillars of Verandah	4	2¼	2	3	54	
	Masonry do	2	2¼	2¼	3	30	
	Walls between passage	4	¾	3	3	27	
	Earth filling in Ward	1	29½	17½	1½	774	
	Bath + Closet	1	11	9	1	99	
	Passage small	1	11	3½	1	38	
	Verandah	1	56	5¾	1	322	
	Passage large	1	17½	7	1½	184	
	Earth filling at side of basement &c					208	cft
				Total Earthwk			3095
	Stone in Mortar						
	Filling in foundation						
	Front + Rear	2	29	2½	3	435	
	Sides	2	22	2½	3	330	
	Bath Room Sides	2	16	2½	2	160	
	do	2	8	2½	2	80	
	do Partition	1	10½	1¾	2	37	
	Retaining wall Verand	1	43½	1¾	1	76	
	Square masonry Pillars	2	2¼	2¼	3	30	
	Passage	4	¾	2½	3	23	
				Total		1171	cft 1171
	Stone in Mortar						
	Basement.						
	Front + Rear	2	29½	2	2	236	
	Side walls	2	21½	2	2	172	
				Carried over		408	

Detail Estimate,—*Continued.*

14

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forward					408	
	Stone in Mortar / Cof						
	Basement						
	Bath Room Sides	2	8½	2	1½	51	
	do Front & Rear	2	15½	2	1½	93	
	Partition	1	10½	1¼	1½	20	
	Retaining wall	1	46½	1¼	1	58	
	Pillars Masonry	2	1¾	1¾	1	6	
	Passage	2	4½	2	2	36	
	Total Basement					662	
	Deduction						
	Sills of Doors	5	6	2	½	30	
	Total less deduction Cft						632
	Stone in Mortar						
	Superstructure						
	Front & Rear	2	30	1½	12	1080	
	Sides	2	21	1½	12	758	
	Bath Side	2	9	1½	9½	256	
	do Rear front	2	15	1½	7	315	
	Partition	1	10½	¾	6	47	
	Verandah Square pillars	2	1¼	1¼	7½	23	
	Passage	2	5	1½	12	180	
	Gables	2	19½	1½	3¾	219	
	Total					2876	
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	2	4	1½	5	60	
	Doors bath	1	3½	1½	6½	38	
	Arches Semicircular Dr'n	6	$6\frac{1}{2}^2 \times .7854 \div 2$		1½	147	
	Lintels of bath room Door	1	4½	1½	4"	2	
	Arch way rectangular	1	4	1½	4	24	
	do Semicircular	1	$8\frac{1}{2}^2 \times .7854 \div 2$		1½	85	
	do rectangular for passage	2	6	1½	5¾	104	
	Carried forward					628	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Brought forward					2576	
	Stone in mortar						
	Superstructure Deduction - B. Forward					628	
	Sills of Windows	6	5	1½	(⅓)	15	
	Honey Comb work	4	4	1½	4	96	
	Ventilators	2	4	1½	2	24	
	Total deduction					763	
	Total less deduction					Cft.	2113
	Pointing with mortar						
	Outside.						
	Basement all around						
	Verandah	1	54	—	1	54	
	Front wall	1	41	—	1	41	
	Rear wall	1	41	—	2	82	
	Bath room, all around	1	36½	—	1½	55	
	Front wall	1	41	—	12	492	
	Rear	1	30	—	12	360	
	Bath room all around	1	36½	—	9½	347	
	Gables	2	19½	—	3¾	146	
	Total Pointing Sft						15.77
	Plastering with Mortar						
	Inside of Woods	1	96	—	12	1152	
	Passage of Bath	1	31	—	10	310	
	do large	1	51	—	12	612	
	Bath & Closet	1	41	—	10	410	
	Screen wall	2	20½	—	6	246	
	Gable	2	19½	—	3¾	146	
	Total					28.76	
	Deduction						
	Doors large	4	3	—	6	72	
	do Small	1	3		5½	23	
	Windows	4	3	—	4	48	
	Archway rectangular	1	4	—	4	16	
	Carried over					159	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering 1 Coat	Brought forward				2876	
	Deduction					159	
	Archway Passage	2	6	–	5¾	69	
	do Semicircular	1	$4^2 \times .7854$			6	
	do Passage	2	$6^2 \times .7854$			27	
	do Semicir. over D & W	9	$4^2 \times .7854$			57	
	Honey Combwork	4	4^2	–	4	64	
		Total deduction				382	
		Total less deduction Sqr:					24·94
	Teakwood work						
	King Post truss	2	19½	8"	12"	26	
	Struts	4	5	6"	8"	7	
	King Post	2	9½	8"	10"	11	
	P. Rafters	2×2	13	6"	8"	17	
	Purlins	2	33	6"	8"	22	
	Ridge piece	1	33	6"	8"	11	
	Wall plates	2	33	3"	4"	6	
	Common Rafters 2' apart	2×16	15	3"	4"	40	
	Braces	2×2	1½	8"	6"	2	
	Joists of Bath room	8	10½	5"	8"	23	
	Ridge do	1	15	6"	9"	6	
	Wall plate	2	15	3"	4"	3	
	Verandah rafters	32	10	3½	5"	39	
	Wall plates do	1	47	3"	4"	4	
	Summer Joist do	1	54	5"	8"	15	
	Hip rafter	2	11	8	10	12	
	Joists for Passage	12	7½	3½	7½	16	
	Wall plates	2	19½	3"	4"	3	
			Total W. Work			cft.	263
	Wood oiling timber 2 Coats.						
	King post truss	2	18	–	3⅓	120	
	Struts	4	5	–	2⅓	47	
		Carried	over	–		167	

27 Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Wood oiling timbers — 1 Coat		Brought forward			167	
	King Post	2	9	—	3	54	
	P. Rafters	2×2	13	—	2⅓	121	
	Purlins	2	30	—	2⅓	154	
	Ridge Piece	1	30	—	2⅓	77	
	Common Rafters	2×5	15	—	1	450	
	Brace	2×2	1½	—	2⅓	14	
	Rafters of Bath	8	10½	—	1⅓	320	
	Ridge do	1	15½	—	2	31	
	Rafters of Verandah	32	10	—	1¼	400	
	Summers	1	54	—	1¾	94	
	Hip Rafters	2	10	—	2¼	45	
	Joists for Passage	12	5	—	1½	135	
			Total			Wooding Sqr	20·62
	Roof Covering over with Mangalore tiles including Ridge + Hackreepers Complete	2	31½	15	-	10·35 Sqr	10·35
	Bengal terrace for bath room	1	16	15	-	240	
	Verandah	1	47	10	-	470	
					Total	710 Sqr	7·10
	Terracing Pucka						
	Passage	1	19½	8¼	(9")	1·66	Sqr 1·66
	Flooring with Mangalore tiles on a bed of Concrete 4"						
	Wash	1	29½	17½	(6")	516	
	Passage of bath	1	11	3½	6"	39	
	Bath + Closet	1	11	9	6"	99	
	Passage	1	17½	7	6"	123	
	Verandah	1	47	6	6"	282	
			Total			Flooring Sqr	10·59

Detail Estimate,---*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	27						
	F. Wood doors Panelled						
	Doors large	4	3½	-	6½	91	
	Bath room door	1	3	-	6	18	
				Total		Sft	109
	F.W. Glazed Windows						
	Wards	2	3½	-	4½	32	
	Ventilators	2	3½	-	1½	11	
				Total	Glazed S		43.
	Glazed Fan lights						
	over Doors & Windows	5	3½ × 7/8 / 2	54		34	Sft 34.
	Honey Comb work						
	Bath room	4	4	-	4	64	Sft 64
	Parapet wall	2	5			10	Sft 10.
	Asphalting						
	Basement & Superstructure						
	Front & Rear walls	2	33	3½	(½)	231	
	Sides	2	18	3½	(½)	126	
	Bath room	2	11½	3½	-	81	
	do Sides	2	15½	3½	-	109	
	do Passage	2	7½	3½		53	
				Total	Asphalting		600.
	Sawing Wood work	Lump Sum				Lo	7.
	Iron Straps & stirrups	2×5				10	Iw: 10.
	Concrete			area sft			sft
	Filling in sides of Pillars	4	7			28	28.
	Stone Pillars.	4	1¼	1½	(½)	58	58.
	Slab stones 6" thick						
	Sills of doors	4	6	2	(½)	48	
	Corbells of Recess	2×2	2½	2½	(½)	25	73

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Content
	Slab stones 6" thick 1 of.					73	
	Steps	3	16	1¼	(1)	60	
	do Small	3	6	1¼	—	23	
					Total	Sft	156
	Stone slabs 4" thick						
	Sills of Windows	4	6	1½	(½)	36	
	Lintels of door	1	4½	1½	-	7	
					Total	Sft	43
	Arch work in mortar						
	Large one door	2	11½	1½	1¼	43	
	Small do Window	9	8¼	1½	1¼	139	
					Total	Sft	182
	White washing						
	As per plastering inside					Sqr	24.
	Color washing as per pointing					Sqr	15.7
	Cornice work all around					51 Rft	51
	Planking the Ceiling 2"						Sft.
	Ward	2	30	11½	-	690	690

Civil and Military Station Municipality, Bangalore.

Abstract Estimate No. of

Work, Constructing New caste Ward of 8 beds

Maternity.

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	3095	-- -- 1	Cft	16	
	Stone in mortar Foundation	1171	-- 2-6	Cft	183	
	do Basement	632	-- 2-9	Cft	109	
	do Superstructure	2113	-- 3--	Cft	396	
	Pointing with Mortar	15.73	1-8--	Sft	23	
	Plastering do	24.84	2-8--	Sqr	62	
	Teak wood work	263.	3-4--	Cft	855	
	Wood oiling	20.62	2--	Sqr	41	
	Roof covering with Bn tiles	10.35.	24-8--	Sqr	254	
	Terracing Pucka	1.66	28--	Sqr	46	
	do Bengal	7.10	18--	Sqr	128	
	Flooring with tiles on Cm.	10.59	16--	Sqr	159	
	T. Wood doors Panelled	109	1--	Sft	109	
	do glazed	43	1-2--	Sft	48	
	do Fan light	24	1-4--	Sqr	30	
	Honey Comb work	64	14--	Sqr	9	
	Parapet wall	10	-- 5-6	Cft	3	
	Asphalting	600	-- 4--	Sft	150	
	Cornice Work	51.	-- 4--	Cft	13	
	Tarring Wood work	Lump Sum			7	
	Iron straps & stirrups	10	2--	Each	20	
	Concrete	28	-- 2-6	Cft	4	
	Stone slabs 6" thick	156	-- 2--	Sft	29	
	do 4 do	43	-- 1-9	Sft	5	
	Arch work	182	-- 4--	Cft	46	
			Carried over		Rs 2736	

Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Brought forward.				2736	
	Color washing	15·77	" -4- "	Sqr	4	
	White washing	24·84	" -2- "	Sqr	3	
	Planking the Ceiling	6·90	" -4- "	Sft	173	
	Finials	2	2 " "	Each	4	
	Stone Pillers	58	" -2-6	Sft	9	193
			Total Rs.		2929	
	Contingencies @ 7½ %				211	
			Grand Total Rs.			3140

27

Civil and Military Station Municipality, Bangalore.

Abstract Estimate No. of

Work Painting Work.

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1846	a 1	Cft	10	
	Stone in Mortar found	1444	a 26	Cft	225	
	do Basement	528	a 29	Cft	91	
	do Superstructure	3062	a 2a	Cft	574	
	Pointing with Mortar	14.42	1-8 a	Sqr	22	
	Plastering do	17.92	2 8 a	Sqr	45	
	Teak wood work	.115	3-4 a	Cft	3 74	
	Asphalting	526	a 2a	Sft	66	
	Stone slabs 3"	93	a 1-6	Sft	9	
	do 4"	16	a 1-7	Sft	2	
	do 6"	127	a 2a	Sft	16	
	Terracing Pucka	6.72	28 a a	Sqr	188	
	do Bengal	1.38	18 a a	Sqr	25	
	Arch work	53	a 4 a	Cft	13	
	White washing	10.32	a. 26	Sqr	1	
	Color do	22.82	a 4 a	Sqr	6	
	Cornice work	103	a 4 a	Cft	26	
	Wood Varnished	41	1 a a	Sft	41	
	do Glazed	84	1-2 a	Sft	94	
	do Jam lights	9	1-4 a	Sft	11	
	Flooring with tiles	5.05	15 a a	Sqr	76	
	Honey Comb work	.67	14 a a	Sqr	9	
	Wood oiling	5.41	2 a a	Sqr	11	
	Earth filling in	679	a a 1	Cft	4	
	Jarring	Lump Sum			5	
	Parapet wall	103	a 5-6	Cft	35	
			Total	Rs	1980	
			Contingencies @ 1 p/o		120	
			Grand Total	Rs		2100

A.C.

28 Wailuiju Ward

Detail Estimate,—~~Continued~~.

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Longl walls	2	49½	3	3	891	
	Cross do	2	11½	3	3	207	
	do of batt + closet	2	4	3	3	72	
	Stone partition	1	11	¾	1½	12	
	Bay	1	14	3	3	126	
	Batt + closet	1	42	3	3	378	
	do End	2	2½	3	3	45	
	Retaining wall	1	4	3	1	12	
	Earth filling in at sides					103	
		Total all earth work				Cft	1846
	Stone in Mortar						
	Filling in foundation						
	Longl walls	2	49	2½	3	735	
	Cross do	2	12	2½	3	180	
	do Batt + closet	2	4	2½	3	60	
	do at ends of Bay	2	2½	2½	3	37	
	Bay	1	14½	2½	3	109	
	Retaining wall	1	4	2½	3	30	
	Batt + closet	1	4½	2½	¾	3⅓	
		Total all foundation				Cft	1444
	Stone in Mortar						
	Basement						
	Longl walls	2	48½	2	1½	291	
	Cross do	2	12½	2	1½	75	
	do batt + closet	2	4	2½	1	20	
	do Bay ends do	2	2½	2	1	10	
	Bay	1	15	2	1½	45	
	Retaining wall	1	4½	2	1½	13	
	Batt + closet	1	4½	2	1	~~13~~	
						~~458~~ 538	
	Deductions						
	Sills of doors	2	5	2	½	10	
		Total all less deductions				Cft	528
	Stone in mortar Superstructure						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar						
	Superstructure						
	Longl walls	2	48	1½	12	1728	
	Cross do	2	13	1½	12	468	
	do Bath	2	4	1½	12	144	
	do Bay	2	2½	1½	12	90	
	Bay	1	15½	1½	10½	194	
	Ofs Crown of arch Bath & closet	1	13	1½	3	58½	
		1	42	1½	10½		
			Total			3843	
	Deduction						
	Doors	1	4	1½	7	42	
	do	1	3½	1½	6½	34	
	Windows	2	4	1½	5	60	
	do	2	2½	1½	5	37	
	do	2	2	1½	5	30	
	Honey Comb Work	1	3½	1½	4½	13	
	Doors Segmental	2	4²×.7854 / 2	1½		19	
	Ventilators	2	4	1½	2	24	
	Sills & Lintels of Windows	2×2	5½	1½	½	16	
	do do	2	4	1½	½	6	
			Total deduction			281	
			Total less deduction			Cft	30.62
	Pointing with Mortar						
	Out side all around	1	66	—	12	792	
	Bay	1	19	—	10	190	
	do Bath	1	46	—	10	460	
			Total Pointing			Sqr	1442
	Plastering with Mortar						
	Inside of Boards	1	86	—	12	1032	
	Passage & Bath	1	34	—	10	340	
	Bath & Closet	1	42	—	10	420	
			Total plastering			Sqr	1792
	Teak wood work						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Teak wood work						
	Wall plate	2	48	3"	4"	8	
	Joists	20	14½	4"	8"	64	
	do Bath room	9	9½	3	7"	13	
	Wall plates of bath R	2	14½	3"	4"	2	
	Hips of Bay	4	9	5"	8"	5	
	Jack joists of bay	6	8	3"	6"	6	
	Wall plate do	1	15½	3"	4"	1	
	Passage Joists 1½ c/c	15	6½	3"	6"	14	
	do wall plate	2	21	3"	4"	2	
			Total Wood work			cft	115
	Flooring with tiles on a 4" bed of Concrete						
	Window	1	29½	12½		368	
	Passage	1	12½	3½		44	
	Bath	1	12½	7½		93	
			Total flooring			Sqm	5.05
	Teak wood Panelled						
	Doors	1	3½	—	6½	23	
	do in wall	1	3	—	6	18	
			T.W. Panelled			Sft	41
	T. Wood glazed						
	Windows	2	3½	—	4½	32	
	Ventilators	2	3½	—	1½	11	
	Windows in wall	2	2	—	4½	18	
	do do	2	2½	—	4½	23	
			T. Wood glazed			Sft	84
	Teak wood						
	Fan light						
	Doors & Windows	2	$3\frac{1}{2}^2 \times \frac{.7854}{2}$			9	Sft 9

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Cornice work	1	92				
	Passage	1	11				
			Total			Rft	103
	Parapet to all 2 ft high	1	103			Rft	103
	Arch work over						
	Door & window	2	8¼	1½	1¼	31	
	Over Bay	1	12	1½	1¼	22	
			Total arch			cft	53
	Stone slabs 6" thick.						
	Sill Stones of Doors large	1	5½	2	(½)	11	
	—do— do small	1	5	2	(½)	10.	
	Sills & lintels of	2×2	5½	1½	(½)	33	
	Lintels of windows	2	5½	1½	(½)	16	
	—do— do small	4×2	3½	1½	(½)	42	
	Slaps of passage	1	12	1¼	½	15	
			Total	Slabs		Sft	127
	Stone slabs 4" thick						
	Sills of Windows	2	5½	1½	(⅓)	16	Sft 16
	Stone slabs 3" thick						
	Partition Stone of baths	1	11		8½	93	93
	Cabin & washing					10.32 Sqr	10.32
	Color washing					22.82 Sqr	22.82
	Asphalting over						
	Basement & superstructure						
	Long walls	2	48	3½	-	336	
	Cross walls	2	13	3½	-	91	
	—do— Bay	2	2½	3½	-	17	
	—do— Baths	2	4	3½	-	28	
	Bay	1	15½	3½	-	54	
			Total asphalting				526

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Terracing Pucka						
	Ward	1	31½	14½	—	457	
	Passage	1	14½	5½	—	80	
	do	1	21	6½	—	136	
			Total	Terracing		Sqr	673
	Terracing Bengal						
	Bath room	1	14½	9½	—	138	Sqr 138
	Honey Combwork						
	Passage	1	3½	—	6½	23	
	Bath + Closet	2	4	—	5½	44	
			Total	H. C. Work		Sqr	67
	Wood oiling						
	Joists for Ward	20	13	—	1⅓	433	
	do Bath	9	8	—	1½	108	
			Total	W. Oiling		Sqr	541
	Earth filling in between Basement						
	Ward	1	29½	1½	1½	541	
	Passage	1	12½	3½	1	44	
	Bath	1	12½	7½	1	94	
			Total	Earthwork		Qr	679
	Zinc piping for ventilation not required.						5 82

Wakefield — Abstract Estimate, — ~~Continued~~. Cook Room —

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1010	-1	Cft	5	
	Stone in Mortar foundation	719	-26	Cft	112	
	do Basement	326	-29	Cft	56	
	do Superstructure	1854	-3	Cft	348	
	Pointing with Mortar	16.40	1-8	Sqr	25	
	Plastering do	11.13	2 8	Sqr	28	
	Stone slabs 6"	48	-2	Sft	6	
	do 4"	96	-1-9	Sft	11	
	Hermany woodwork	43	2-8	Cft	108	
	Roofing with M tiles	702	24-8	Sqr	172	
	Flooring do on Cof	3.46	15	Sqr	52	
	F.W. Battened door	127	1	Sft	127	
	F.W. Finials	2	2	Each	4	
	White washing	12.36	-26	Sqr	2	
	Color washing	16.40	-4	Sqr	4	
	Wood ailing	3.01	2	Sqr	6	
	Earth filling in	346	-1	Cft	2	
	Coping	51	-26	Rft	8	
	Asphalting	343	-2	Sft	43	
	Sawing	Lump Sum		Rs	3	
				Total Rs	1132	
	Contingencies @ 7½ %				88	
				Grand Total Rs		1220

At

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front & Rear walls	2	26	3	3	468	
	Side or Ends	2	10½	3	3	189	
	Scullery walls rear	2	9	2¾	1½	74	
	do Sides	4	8¼	2¾	1½	137	
	Earth filling in at sides					142	
			Total Earth work			1010 cft	1010
	Stone in Chunam						
	Filling in foundation						
	Front & Rear Walls	2	25½	2½	3	382	
	Side or Ends	2	11	2½	3	165	
	Scullery walls Rear	2	9	2¾	1½	61	
	do Sides	4	8¼	2¾	1½	111	
			Total			719 cft	719
	Stone in Chunam						
	Basement						
	Front & Rear walls	2	25	2	1½	150	
	Sides or Ends	2	11½	2	1½	23	
	Scullery walls Rear	2	9	1¾	1½	47	
	do Sides	4	8¼	1¾	1½	87	
			Total Basement			353	
	Deduction						
	Sills of Doors	4	6	2	½	24	
	Steps	2	6	½	½	3	
			Total deductions			27	
			Total less deduction			cft	326
	Stone in Chunam						
	Superstructure.						
	Front & Rear walls	2	24½	1½	12	882	
	End & Side Cross walls.	3	12	1½	12	648	
	Screen walls Rear	2	9	1¼	6	145	
	do Sides	4	8¼	1¼	6	248	
	Cycles.	3	15	1½	3½	211 cft	2134

35

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Chimney Brought forward					2134	
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	4	3	1½	5	90	
	Lintels of doors	4	6	1½	⅓	12	
	Sills & lintels of Windows	4	5	1½	⅓	10	
					Total deductions	281	
					Total less deduction	Sft	1854
	Pointing with Mortar						
	Basement all around	1	109	—	1½	164	
	One side abt Front & Rear	2	24½	—	12	588	
	End walls	2	15	—	12	360	
	Gables	2	15	—	3	90	
	Scullery Screen walls	2×2	10	—	6	240	
	Sides of do	4	8¼	—	6	198	
					Total Squares		16·40
	Plastering with Mortar						
	Inside room large	2	44	—	12	1056	
	Scullery Gable	4	15	—	3	180	
					Total	1236	
	Deduction						
	Doors	4	3	—	6½	78	
	Windows	4	2½	—	4½	45	
					Total deduction	123	
					Total less deductions	1113 Sqr	11·13
	Stone slabs 6" thick						
	Sill stones of doors	4	6	2	(½)	48 Sft	48
	Stone slabs 4" thick						
	Sills and lintels of Windows	2×4	5	1½	(⅓)	60	
	do doors	4	6	1½	⅓	36	
					Total Stone	Sft	96

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Woman's wood work						
	Wall plate	2	25	3"	4"	4	
	Rafters 2 ft apart front	10	15	3"	4"	10	
	do Rear	10	12	3"	4"	13	
	Ridge piece	1	24½	4"	6"	4	
	Purlins	2	24½	4"	6"	8	
	Stents to support the roof for	10	3½	3"	3½"	2	
	Summers	1	26	3"	4"	2	
			Total Woman's wood				43
	Triangular tile roof						
	Front	1	26	15		390	
	Rear	1	26	12		312	
			Total Roofing			Sqr	7.02
	Coping over Partitions						
	Wall large	2	9			18	
	do Small	4	8¼			33	
			Total Coping			Rft	51
	Asphalting over						
	basement						
	Front & Rear wall	2	24½	2½	½	98	
	Cross wall	2	12	2½	½	48	
	Screen wall long	2	9	1¾	½	32	
	do to Chart	4	7¼	1¾	½	51	
				Total		229	
	Over superstructure					114	
			Total			343	Sft 3.43
	Earth filling in Terraces						
	Basements						
	Large room	2	11½	9½	1	219	
	Small room	2	11½	5½	1	127	
			Total Earth			cft	346

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Flooring with Square tiles on 4" thick Concrete						
	Large room	2	11½	9½	-	219	
	Scullary	2	11½	5½	-	127	
			Total flooring			Sqr	346
	White washing as per						
	Plastering Inside					Sqr.	12.36
	Colorwashing do do outside					Sqr.	16.40
	Wood oiling Timber						
	Rafters front	10	13½	—	1	135	
	do Rear	10	10½	—	1	105	
	Stunts	10	3½	—	1	35	
	Bdimmer front	1	26	—	1	26	
			Total Wood work			Sqr	3.01
	Teak wood Battened						
	Doors large	2	3½	—	6½	46	
	do Small	2	3	—	6	36	
	Windows	4	2½	—	4½	45	
			Total Battened			Sft	127
	Finials	2				No.	2

N-1

Civil and Military Station Municipality, Bangalore.

Detail Estimate No of

Work Constructing Coast ward.

No. of Item.	PARTICULARS	Measurement. No.	L.	B.	D.	Contents.	Total Contents,
	Earth work-						
	Excavation						
	Front and Rear	2	56	3	3	1008	
	End and Cross	3	14½	3	3	392	
	Verandah End	2	7½	2¾	2	83	
	Sixteen Scullary Ends	2	7½	2¾	2	83	
	do — do End	1	10½	3	3	95	
	Returns of Verandah	1	86	2¾	1	237	
	Pillars of verandah	6	2¼	1½	3	61	
	Bath room long wall	2×2	20½	3	3	738	
	do — End and Cross	2×2	4½	3	3	162	
	Steps Front	1	6	2	½	6	
	Earth filling in at Ends					530	
	Total					Earth work	Cft 3395
	Stone in Mortar						
	Filling in foundation						
	Front & Rear Walls	2	55½	2½	3	833	
	End and Cross	3	15	2½	3	338	
	Verandah End	2	7½	2¼	2	68	
	Sixteen Scullary Ends	2	7½	2¼	2	68	
	do do End	1	11	2½	3	83	
	Returns of Verandah	1	86½	2¼	1	195	
	Bath room long walls	2×2	20	2½	3	600	
	do — End and Cross	2×2	5	2½	3	150	
	Total Stone in Mortar					Cft	2335

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar						
	Basement						
	Front and Rear	2	55	2	1½	330	
	End and Cross	3	15½	2	1½	140	
	Verandah End	2	7½	1¾	1	26	
	Sisters Scullary End	1	11½	2	1	23	
	do — do Side	2	7½	1¾	1	26	
	Recess of Verandah	1	50	1¼	1	63	
	Bath room long wall	2×2	19½	2	1	156	
	do — End and Cross	2×2	5½	2	1	44	
			Total			854	
	Deduction						
	Sills of doors	10	6	2	½	60	
	Steps		10	½	½	3	
			Total			63	
	Stone in Mortar		Total less deduction				791
	Superstructure						
	Front & rear walls	2	54½	1½	13½	2207	
	End and Cross	3	16	1½	13½	972	
	Gables	3	19	1½	3¾	321	
	Verandah end	2	7½	1¼	9½	178	
	Sisters Scullary End	1	12	1½	7½	135	
	do — do — Side	2	7½	1¼	9½	178	
	Bath room long wall	2×2	19½	1½	10	570	
	do — End and Cross	2	19	1½	7½	428	
		2	16	1½	9	162	
	Total	Stone in Mortar				5151	
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	2	4	1½	5	60	
	Lintels of doors	2	5½	1¼	⅓	5	
	Sills of windows	2	6	1½	⅓	6	
	Circular opening	6	6½ × .7854		1½	149	
	Arch over doors & lintels	2	3 × .7854		1½	21	
	Doors of Batts & Cloth	2×2	3½	1½	6½	137	
			Carried			546	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forward					5151	
	Deduction					546	
	Ventilators	2	4	1½	2	24	
	Sisters Scullary Sides	2	3½	1¼	6½	57	
	do — windows	1	3½	1½	4½	23	
	Sills of lintels windows	2	5½	1½	⅓	6	
	Honeycomb work	2×2	6½	1½	3	117	
	do — Small	2	4½	1½	4	54	
	Total deduction					827	
	Total less deduction					4 8/4	4324
	Pointing with Mortar						
	Out Sides						
	Front and Rear walls	2	54½	-	13½	1472	
	End walls	2	19	-	13½	513	
	Verandah walls	1	16	-	9½	152	
	Scullery Sisters End	1	14½	-	7½	109	
	do L Sides	2	7½	-	9½	143	
	Bath Room front & Rear	2	19	-	10	380	
	do — Sides	2	9		9	162	
	Gables	2	19		3¾	143	
	Total Pointing					2 4 7/4	
	Deduction						
	Honeycomb work	2×2	6½	-	3	78	
	do L do.	2	4½	-	4	36	
	Total deduction					114	
	Total less deduction					Sqr	29.60
	Plastering Inside						
	Wards	2	82	-	13	2132	
	Sisters Scullary	1	24	-	9½	228	
	Bath and closet	2	44	-	9½	836	
	Total Plastering					Sqr	3196

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Deducation	--					
	Doors ... wards	2x2	3	-	6	72	
	Windows	3	3	-	4	36	
	Honey Comb work	2x2	6	-	3	72	
	Ventilator do do	1	4		4	16	
		2	3	-	1½	9	
	Total deduction					205	
	Roofing with Mangalore tile	Total lies deduction					Sqr 29-9
	Front and Rear	2	56	13½	-	1512	Sqr 15
	Roofing with Benguet terrace						
	Verandah front & Rear						
	Bath	2	51½	10	-	1030	Sqr 103
	Stone Pillars 6" thick						
	Verandah	6	11½	1¼	-	86	Sft 86
	Bottom stone for Pillars						
	6" thick	6	2¼	1½	(½)	20	Sft 20
	White washing as per plastering						
	inside of wards					Sqrs	21-3
	Color washing as per do				out side	Sqrs	10-6
	3-wood doors Panelled						
	Doors of wards	4	3½	-	6½	91	Sft 91
	3-wood Batted doors						
	Sisters Secullary	2	3	-	6	36	
	Bath and Closet	2x2	3	-	6	72	Sft 108
							12
	3 wood Glazed windows						
	wards	2	3	-	4½	27	
	Sisters Secullary	1	3	-	4	12	
	Ventilators	2	3	-	1½	9	
					Total Glazed Windows		Sft 48

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Teak wood work.						
	King Post trusses	2×2	17½	4½"	8"	18	
	King Post	2×2	6⅔	4½	6"	5	
	Struts	2×4	7	4"	4½	7	
	P. Rafters	2×4	13½	4½	6"	6	
	Brackets	4×2	¾	4"	6"	20	
	Purlians	2	53½	4'	6"	18	
	Ridge Piece	1	53½	3"	4"	9	
	Wall Plate	2	53½	3"	4"	18	
	Common Rafters 2 feet apart	4×13	13½	3"	4"	59	
	Verandah wall Plate	2	53½	3"	4"	9	
	Verandah Rafters	2×34	10	3½"	5"	83	
	Bath and Closet rafters	2×10	9½	2½	5"	16	
	Verandah Summers	1	87	4"	8"	19	
	Bath Closet wall Plates	4	17½	3"	4"	6	
	Total T. Wood work					2 Cft.	293
	Teak wood glazed Sun light						
	Over windows	6	3½×78 54		-	29	
	Circular opening	2	3½×78 54		-	14	Sft 43.
	Mahomey Comb work	2×2	6½	-	3	78	
		2	4½	-	4	36	Sqr ft 114
	Stone Slabs 4" thick						
	Sills of windows	4	6	1½	(⅓)	36	
	Sills & Lintels of Ventalats	2×2	6	1½	(⅓)	36	
	Lintels of doors	6	6	1½	(⅓)	54	
	Total Stone slabs					Sft	126
	Arch work						
	Over windows & doors	6	5¼×3 1415		1½	74	Sft 74.
	T. wood Planking	4	25	13		1300	Sft 1300

43

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Flooring with 2 quarter tiles						
	Wards	2	24½	15½		760	
	Veranda front	1	51½	6		309	
	Veranda Rear	1	37	6		222	
	Bath Room	2	15½	5½		171	
				Total flooring		Sft	1462
	Teak wood Finials	2	No			2	No 2
	Wood ceiling timber 2 Coats						
	Ring Post trusses	2×2	16		2	128	
	Bath Room	20	6		1¼	150	
	do	4	6		1¾	42	
	Struts	8	7		1½	84	
	P. Rafters	8	13		1¾	182	
	Brackets	2×4	3¼		1⅔	43	
	Purlians	2	53½		1⅔	78	
	Ridge	1	53½		1⅔	88	
	Cor. Roof						
	Veranda do	2×3¼	10		1¼	855	
	Veranda Summers	1	87		2	174	
				Total Wood ceiling		Sft	1924
	Iron Straps and Stirrups for Ring Post	4×5				20	No 20.
	Carving wood work Rump Sum						No. 1
	Earth filling in Basement						
	Wards	2	24½	15½	1½	1139	
	Veranda front	1	51½	6	1	309	
	do Rear	1	37	6	1	222	
	Bath Room	2	15½	5½	1	171	
			Total Earth work			Cft	1841

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting basement						
	Superstructure						
	Front and Rear walls	2	55	3½		385	
	Cross & End walls	3	15½	3½		163	
	Sisters Secullary End	1	11½	3½		40	
	Sisters Secullary Sides	2	7½	3		45	
	Bath Room front & Recess	2×2	19½	3½		273	
	End wall — do	2×2	5½	3½		77	
	Returns of Verandah	1	87	1¼		109	
	Total Asphalting					1092 Sft	1092
	Concrete						
	Filling in Sides of Piers	6	6	—	—	36 Cft	36
	Stone Slab 6" thick						
	Sills of doors	10	6	2	½	120 Sft	120

Civil and Military Station Municipality, Bangalore.

Abstract Estimate No. of

Work Constructing Coat wears

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work Excavation	3395	-"-1	Cft	18	
	Stone in Chunam found	2335	"-2-6	Cft	365	
	do Basement	791.	"-2-9	Cft	136	
	do Superstructure	4324	"-3-"	Cft	811	
	Pointing with Mortar	29.60	1-8-"	Sqr	44	
	Plastering do	29.91	2-8-"	Sqr	75	
	Teak wood work	293	3-4-"	Cft	952	
	Stone Slabs 4" thick	126	"-1-9	Sft	14	
	do 6" thick	120	"-2-"	Sft	15	
	do 6"	20	"-1-6	Sft	2	
	Roofing with Mangalore tiles	15.12	24-8-"	Sqr	370	
	Bengal terracing	10.30	18-"-"	Sqr	185	
	Flooring with tiles	14.62	15-"-"	Sqr	219	
	Woodwork					
	do Panelled door	91	1-"-"	Sft	91	
	do Battened door	108	"-14-"	Sft	95	
	do Glazed Shutters	48	1-2-"	Sft	54	
	do do Jam light	43	1-4-"	Sft	54	
	Arch work	74	"-4-"	Cft	19	
	T. wood Planking	1300	"-4-"	Sft	325	
	do finial	2	2-"-"	Each	4	
	wood ailing timber	19.24	2-"-"	Sqr	38	
	Iron Straps & stirrups	20	2-"-"	Each	40	
	Honey Comb work	1.14	14-"-"	Sqr	16	
	Covered	36	"-2-6	Cft	6	
	Dressed Stone Pillars	86	"-2-6	Cft	13	
	White washing	21.32	"-2-6	Sqr	3	
	Color washing	10.64	"-4-"	Sqr	3	
	Sparring woodwork	Lump Sum			7	
	Earth filling in	1841	"-"-1	Cft	10	
	Asphalting 1/2	1092	"-4-"	Sft	273	
			Total Rs		4265	4265

41

Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Brought forward				4255-	4255-

Cook House

Castle Ward. Detail Estimate,—~~Continued~~.

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earthwork						
	Excavation.						
	Front + Rear Walls	2	26	6	3	468	
	End + Cross —do	3	8½	3	3	230	
	Scullary Rear	1	10	2½	3	75	
	do End	2	8	2½	3	120	
	Earth filling in at sides					455	
		Total Earthwork cft					1288
	Stone in Cement						
	Filling in foundation						
	Front + Rear Walls	2	25½	2½	3	383	
	End + Cross Walls	3	9	2½	3	203	
	Scullary Rear	1	9½	2	2	38	
	do End	2	7½	2	2	60	
		Total stone w ch					cft 684
	Do Basement						
	Front + Rear Walls	2	25	2	1½	150	
	End + Cross Walls	3	9½	2	1½	86	
	Scullary Rear	1	9¼	1½	1½	21	
	do End	2	7¼	1½	1½	33	
		Total				290	
	Deduction						
	Doors Sills	2	5	2	(½)	10	
	do Small	2	4½	2	½	9	
	Steps	1	5	½	½	3	
		Total				20	
		Total less deduction					cft 270
	Stone in Border Superstructure.						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar						
	Superstructure						
	Front & Rear Walls	2	24½	1½	11	809	
	End of Cross do	3	10	1½	10	450	
	Gables	3	10	1½	2¾	124	
	Scullery Rear	1	9	1⅛	6	61	
	do End	2	7⅛	1⅛	6	96	
				Total Stone Work		1540	
	Deduction						
	Doors	1	3½	1½	6½	32	
	do Small	2	3	1½	6	54	
	Windows	3	3	1½	4	54	
	Circular Opening	3	3½ dia	1½	-	6	
	Lintel stones over D.	2	5½	1½	⅓	5	
	do & sills of Window	2×3	4	1½	⅓	12	
						173	
				Total deduction		~~163~~	
				Total less deduction			1367
	Pointing with Mortar						
	Basement all around	1	103	—	1½	155	
	Outside Front & Rear	2	24½	—	11	539	
	do Ends	2	13	—	11	286	
	do Gables	2	13	—	2¾	72	
				Total		1052	Sq. 10.52
	Plastering with Mortar.						
	Inside of Room Cooking	1	44	—	11	484	
	do Servants	1	36	—	11	396	
	do Gables	4	13	—	2¾	143	
				Total		1023	
	Deduction						
	Doors large	2	3	—	6	36	
	Windows	3	2	—	4	24	
	do Cir	2	2½ dia		-	4.64	9.59

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Kamnay Wood wrought + put up.						
	Rafters 2' apart	2×15	10½	3"	4"	21	
	Ridge piece	1	24½	4"	6"	4	
	Purlins	2	24½	4"	6"	8	Cft
	do Wall plates	2	24½	3"	4"	4	
	Boarded rafters	16	9	3"	1"	Total = 37	
	do Summers	1	32	4"	6"		
			Total K.W. work			50	Cft 50
	Roof Covering with Brampton tiles with teak battens &c Complete.						
	Cooking + other Room	2	24½	10½	-	515	Sqr 5·15
	F. Wood doors, Battened						
	complete large	1	3½	—	6½	24	
	do — Small	2	3	—	6	36	
			Total			60	Cft 60
	F.W. Battened windows with iron bars Complete	3	2½	-	4	30	Sft 30.
	Flooring with tiles on Concrete						
	bed 9" Cookroom	1	11½	9½	-	107	
	do Servants Room	1	11½	7½	-	86	
			Total			195	Sqrt 1·95
	White washing as per plastering inside of rooms.					Sqr	9·59
	Color washing as per painting outside					Sqr	16·52
	Wood oiling — Tenders						
	Rafters	2×2	10½	—	1	252	
	Purlins + Ridge piece	3×2	24½	-	1½	98	
			Total			Sqr	3·50

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth filling in between basements.						
	Cook House	1	11½	9½	1	109	
	Servants Room	1	11½	7½	1	86	cft
			Total			195	195
	Forming Wood work that are embedded in Masonry & Lintels						3
	Stone slabs 6" thick						
	Sills of doors	2	5	2	(½)	20	cft
	do Small	1	4½	2	(½)	9	29
	Stone slabs 4" thick						
	Sills & Lintels of Windows	2×3	4	1½	(⅓)	36	
	Lintels of door Large	2	5	1½	(⅓)	15	
	do Small	1	4½	1½	(⅓)	7	
			Total			Slab Stone	58
	Asphalting						
	Long walls 9"	2	25	3½	¾	175	
	Cross do	3	9½	3½	¾	99	
	Partition long	1	9¼	3½	-	33	
	Ends of do	2	7¼	3½	-	92	
			Total			Asphtg:	Sft 399

Cable Ward 51

Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1235	" " 1	Cft	6	
	Stone in Mortar foundat	684	" 26	Cft	107	
	do Basement	270	" 29	Cft	46	
	do Superstruct	1367	" 3	Cft	256	
	Pointing with Mortar	10.52	1-8 "	Spr	16	
	Plastering do	9.59	2-8 "	Spr	24	
	Stone slabs 6"	25	" 2 "	Sft	4	
	do 4"	58	" 1-9	Sft	6	
	Roof covering with Mgl Tiles	5.15	24-8 "	Spr	126	
	Flooring with tiles	1.95	15 " "	Spr	29	
	Kotmany Woodwork	37	2-8 "	Cft	92	
	S. W. Battened Door	60	" 14 "	Sft	52	
	do Windows with bars	30	1 " "	Sft	30	
	Finials	2	2 "	Each	4	
	White washing	9.59	" 26	Spr	1	
	Color washing	10.52	" 4 "	Spr	2	
	Fixing	Lump Sum			3	
	Earth filling in	195	" " 1	Cft	1	
	Asphalting	399	" 4 "	Sft	99	
	Wood oiling	3.52	2 "	Spr	7	
			Total		911	
	Add for ward				4255	
	Contingencies @ 3%			Total	5166	
					154	
	Deduct 15% for Private			Total	5320	
					820	
	Amount of Estimate				4500	

Dated at Bangalore

Total Estimate Rs... 4500 -

W. T. Tichen
Executive R. E.

Overseer.

Executive Engineer.

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work Constructing Cadet Ward

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front & Rear	2	56	3	3	1008	
	End & Cross	3	14½	3	3	392	
	Verandah	2	7½	2¾	2	83	
	Sisters Scullary Side	2	7½	2¾	2	83	
	do do End	1	10½	3	3	95	
	Returns of Verandah	1	86	2¾	1	237	
	Pillars of Verandah	6	2¼	1½	3	61	
	Bath room long wall	2×2	20½	3	3	738	
	do End & Cross	2×2	4½	3	3	162	
	Steps Front	1	6	2	½	6	
	Earth filling in at sides					530	
		Total Earthwork					
	Stone in mortar						
	Filling in formdation						
	Front & Rear Wall	2	55½	2½	3	833	
	End & Cross	3	15	2½	3	338	
	Verandah end	2	7½	2¼	2	68	
	Sisters Scullary Sides	2	7½	2¼	2	68	
	do do End	1	11	2½	3	83	
	Returns of Verandah	1	86½	2¼	1	195	
	Bath room long wall	2×2	20	2½	3	600	
	do End & Cross	2×2	5	2½	3	150	
		Total formdation cft.					
	Stone in mortar						
	Basement						
	Front & Rear	2	55	2	1½	330	
	End & Cross	3	15½	2	1½	140	
	Carried over						470

54

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar		B. forward			470	
	Basement for						
	Verandah end	2	7½	1¾	1	26	
	Sisters Scullery end	1	11½	2	1	23	
	do do Sides	2	7½	1¾	1	26	
	Returns of Verandah	1	50	1¼	1	63	
	do do	1	37	1¼	1	46	
	Bathroom longl wall	2×2	19½	2	1	156	
	do End & Cross	2×2	5½	2	1	44	
			Total			854	
	Deduction						
	Sills of doors	10	6	2	½	60	
	Steps	1	10	½	½	3	
			Total deduction			63	
			Total less deduction			791	cft 791
	Stones in Mortar						
	Superstructure						
	Front & Rear wall	2	54½	1½	13½	2207	
	End and Cross	3	16	1½	13½	972	
	Gables	3	19	1½	3¾	321	
	Verandah end	2	7½	1¼	9½	178	
	Sisters Scullery End	1	12	1½	7½	135	
	do do Sides	2	7½	1¼	9½	178	
	Bath Room longl wall	2	19	1½	10	570	
	do End & Cross	2	6	1½	9	162	
	do longl wall	2	19	1½	7½	428	
				Total		5151	
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	2	4	1½	5	60	
	Lintels of doors	2	5½	1¼	⅓	5	
	do Sills of Windows	2	6	1½	⅓	6	
	Circular openings	2	3½² × 7854		1½	21	
	Arches over Doors	6	6½² × 7854		1½	149	
	Doors bath & closet	2×2	3½	1½²	6½	137	
			Carried Forward			546	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forward					5167	
	Deduction					546	
	Ventilators	2	4	1½	2	24	
	N Sisters Scullery door	2	3½	1¼	6½	85	
	do Window	1	3½	1½	4½	29	
	Sills of Lintels do	2	5½	1½	⅓	9	
	Honey Comb do	2×2	6½	1½	3	117	
	do do	2	6½	1½	4	156	
	Total deduction					827	off
	Total less deduction					4324	4324
5	Pointing with Mortar						
	Outside						
	Front & Rear walls	2	54½	—	13½	1473	
	End walls	2	19	—	13½	513	
	Verandah Wall	1	16	—	9½	152	
	Scullery Sisters End	1	14½	—	7½	109	
	do sides	2	7½	—	9½	143	
	Bath Room front & Rear	2	19	—	10	380	
	do Sides	2	9	—	9	162	
	Gable	2	19	—	3¾	143	
	Total Pointing					3304	
	Deduction						
	Doors	4	3	—	6	72	
	Windows	2	3	—	4	24	
	Sisters Door	2	2½	—	5½	55	
	do Window	1	3	—	4	12	
	Bath & Closet Doors	2×	2½	—	5	50	
	do Honey Comb	2×2	6½	—	3	78	
	do do	2	4½	—	4	36	
	Total deduction					308	
	Total less deduction						2996

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
6	Plastering Inside						
	Wards—	2	82	—	13	2132	
	S. Scullary	1	24	—	9½	228	
	Bath & Closet	2	44	—	9½	836	
	Total					3196	
	Deduction						
	Door. Wards—	2×2	3	—	6	72	
	Windows	3	3	—	4	36	
	Honey Comb Work	2×2	6	—	3	72	
	Ventilator	1	4	—	4	16	
		2	3	—	1½	9	
						205	29.91
11	Roofing with Mangalore tile						
	Front & Rear—	2	56	13½		1512	155.12
12	Roofing with Bengal terrace						
	Verandah front & Rear						
	Bath Room &c	2	51½	10	—	1030	10.30
9	Stone Pillars 6" thick						
	Verandah	6	11½	1¼		86	8.61
10	Bottom Stone for Pillars						
	6"—	6	2¼	1½	(½)	20	2.20
	White washing as per plastering						
	inside of wards—					Sqr.	21.32
	Color washing as per —do—		outside—			Sqr.	10.64

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Teak wood work						
	Front Post Tenes	2×2	17½	4½	8	18 ✓	/
	Kitchy Posts	2×2	6⅓	4½	6	5 ✓	
	Steps.	2×4	7	4	4½	7 ✓	
	P. Rafters.	2×4	13½	4½	6	6	
	Brackets.	4×2	3¼	4	6	20 ✓	
	Purlins	2	53½	4	6	18 ✓	
	Ridge Piece	1	53½	4	6	9 ✓	
	Wall plate of ~~Verandah~~	2	53½	3	4	18 ✓	
	Common rafter 2 ft apart	4×3	13½	3	4	54 ✓	
	Verandah wall plate	2	53½	3	4	9 ✓	
	Verandah rafters.	2×3	10	3½	5	83 ✓	
	Bath & Closet rafters.	2×1	9½	2½	5	16 ✓	
	Verandah Summers.	2	8	4	8	19 ✓	
	Bath & closet wall plate	4	14½	3	4	6 ✓	
							93
				Total Wood work		cft	293
15	T. Wood doors Panelled						
	Doors of wood	4	3½	—	6½	91	
16	T. Wood Battened doors						
	Sisters Scullery	2	3	—	6	36	
	Bath & Closet	2×2	3	—	6	72	108
	T. Wood Glazed Windows						
	Ward	2	3		4½	27	
	Sisters Scullery	1	3		4	12	
	Ventilators	2	3		1½	9	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
18	I. Wood Glazed Sash lights						
	over Windows	6	$3\frac{1}{2}^2 \times .7854$			29	29
	Circular openings	2	$3\frac{1}{2}^2 \times .7854$			14	43
24	Honey Comb work	2×2	6½		3	78	
		2	4½		4	36	114
5	Stone slabs 4" thick						
	Sills of Windows	4	6	1½	(3)	36	
	do & Lintels of Vents	2×2	6	1½	1/3	36	
	Lintels of doors	6	6	1½	1/3	54	
	Total					126	126
13	Flooring with square tile—						
	Windows	2	24½	15½		760	
	Verandah front	1	57½	6		309	
	do Rear	1	37	6		222	
	Bath & Closet	2	16½	5½		171	1462
12	Arch work						
	Over Windows & doors	6	$5\frac{1}{4} \times 3 \times .1415$		1½	74	74
20	I. Wood Planking	4	25	13		1300	
	I.W. Finials	2			1/3	80	2
	Wood oiling timber 2 coats.						
	Wrot Rafters	2×2	16		2	1280	
	Do Purlins	29	6		1¼	750	
	Do Ridge	4	6		1¾	42	
	Do Collar	8	4		1½	84	
	Do Bracket	8	1.3		1¾	182	
	Purlins	2×4	3½		1⅓	43	
	Ridge	2	53½		1⅓	1785	
	Common Raf	1	23½		1⅓	885	
		2×24	10		1¼	885	1932
		1	87		2	174	

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
28.	Iron straps & stirrups for King Posts	4×5				20	20
29.	Carving, Wood work		Lump	Sum			7
30.	Earth filling in between basement						
	Wards —	2	24½	15½	½	1139	
	Verandah front	1	57½	6	1	399	
	do Rear —	1	37	6	1	222	
	Bath room —	2	15½	5½	1	171	
				Total —		1841	1841
31. X	Asphalting basement & Superstructure						
	Front & Rear walls —	2	55	3½		385 ✓	
	Cross & End walls —	3	15½	3½		163 ✓	
	Sisters Scullery End	1	11½	3½		40 ✓	
	do — sides —	2	7½	3		45 ✓	
	Bath room, front & Rear	2×2	19½	3½		273 ✓	
	End wall — do —	2×2	5½	3½		77 ✓	
	Returns of Verandah	1	87	1¼		109 ✓	
				Total		1092	1092
	Concrete.						
	Filling in sides of Pillars	6	6	—	—	36	36
	Stone slabs 6" thick Sills of doors	10	6	2	(½)	120	120

Cast Ward 60

Abstract Estimate—~~continued~~

No. of Item.	Description of work.	Quantity.	Unit.	Rate.	Per.	Amount.	Total Amount.	Remarks.
1	2	3	4	5	6	7	8	9
	Earth work Excavn	3395		-1-		17	18	
	Stone in Cumun Sand	2335		-2 6			365	
	do Basement	791		-2 7		136	136	
	do Superstructure	4324		-3-		810	811	
	Pointing with Mortar	29.60		-1 4			44	
	Plastering do	29.91		-2 5			75	
	Teak wood work	293		3-4			952	
	Slab Stone 4" thick	126		-2 7			14	
	do 6" do	120		-2 8			15	
	do Roofing with Mangalore tile	15.12		2 8			370	
	Bengal terracing	10.30		18		185	185	
	Flooring with tile	14.62		15		219	219	
	~~Stone~~ Wood work							
	do Panelled door	91		1		91	91	
	do Battened do	108		-14			95	
	do Glazed shutters	48		1-2			54	
	do do Fan light	43		1-4			54	
	Arch work	74		-4-			19	
	T. Wood Planking	1300		-2-		325	325	
	do Finial	2		2		4	4	
	Wood oiling timber	~~18.90~~ 19.24		2		~~38~~	38	
	Iron straps & stirrups	20		2		40	40	
	Honey Comb Work	1.14		14		18	16	
	Concrete	36		-2 6		6	6	
	Dressed Stone Pillars	86		-2 6		13	13	
	White washing	21.32		-2 6		3	3	
	Color do	10.64		-4-		3	3	
	Tarring Wood work		Lump sum		~~15~~	7	7	
	Earth filling in	1841				19	10	
	Asphalting	1092				273	273	4255
							~~15~~	~~4255~~

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work Cook. house - Coorg - [illegible]

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents.
1	Earth work						
	Excavation						
	Front and Rear walls	2	26	3	3	468	
	End and Cross wall	3	8 1/2	3	3	230	
	Scullary Rear	1	10	2 1/2	3	75	
	Scullery End	2	8	2 1/2	3	120	
	Pillars Corner						
	~~Pillars Stone~~	~~4~~	~~2 1/2~~	~~2~~	~~3~~	~~60~~	
	Earth filling in at sides					455	Off
	Total					~~1538~~ 1288	
2	Stone in Chunnam						
	Filling in foundation						
	Front and Rear walls	2	25 1/2	2 1/2	3	383	
	End and cross walls	3	9	2 1/2	3	203	
	Scullary Rear	1	9 1/2	2	2	38	
	Scullary End	2	7 1/2	2	2	60	
	[illegible]						Off
	[illegible]		Total Stone in Ch			684	684
	Basement						
	Front and Rear walls	2	25	2	1/2	150	
	End and Cross walls	3	9 1/2	2	1 1/2	86	
	Scullary Rear	1	9 1/4	1 1/2	1 1/2	21	
	Scullary End	2	7 1/4	1 1/4	1 1/2	33	
	[illegible] Total Basement					~~290~~ 290	Off
	Deducations						
	Door sills	2	5	2	1/2	10	
	Small	2	4 1/2	2	1/2	9	
	Steps Stone	1	5	1/2	1/2	1	
	Total deduction					20	
	Total Ded deduction						Off 270

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
3	Burnt ~~Brick~~ Stone in Morter						
	Front and Rear	2	24½	1½	11.	809	
	End and Cross	3.	10.	1½	10	450	
	Scullary Rear	1	9	1⅛	6	61	
	Scullary End	2	7⅛	1⅛	6	96	
	Pitched						
	Gables	3	10	1½	2¾	124	
	Total					1540	
	Deducation						
	Doors	1	3½	1½	6½	32 ✓	
	do 8 small	2	3 3/4	1½	6½	68 ✓	
	Windows	6	3	1½	6	54 ✓	
	Circular window	3	3½	1½	—	16 ✓	
	Lintels over door	2	2½	1½	⅓	5 ✓	
	do Sills of windows	2+3	4	1½	⅓	12 ✓	
	Total deducation					173	1367
	Total less deducation					Qft	~~1193~~
4	Pointing with morter						
	Basement	1.	103	—	1½	155	Qft 155
5	~~Plastering with cumain~~						
	Outside Front & Rear wall	2	24½	—	11	539	
	Ends	2	13	—	11	286	894
	Gables	2	13	—	2¾	72	1052 ✓
	Plastering with Mortar						
	Inside Cook House	1	44	—	11	484 ✓	
	Servants Room	1	36	—	11	396 ✓	
	Gables	4	13	—	2¾	1431	
	Total					1920	1023 ✓
	Deducation						
	Doors large	2	3	—	6	36	
	Windows	3	2	—	4	24	
	Circular	2	2½			4	
	Total deducation					64	
	Total Qrs deduction						959 ✓

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents
6	Hannayswood aroght & put up						
	Ridge piece	1	24 1/2	4"	6"	4	
	Rafters 2 feet apart	2x12	10 1/2	3"	4"	21	
	Purlians & Wall plate	2 / 2	24 1/2 / 24 1/2	4" / 3"	6" / 4"	8 / 4	
	~~Verandah rafters~~	~~16~~	~~9~~	~~3~~	~~4~~	~~12~~	
	~~Verandah Summers~~	~~1~~	~~3 2~~	~~4"~~	~~6"~~	~~5~~	
	Total		Hannays Wood work				Sft 3[illegible]
7	Roofing Queensquith Imangle tiles - with teak pegers and Cummans loders						
	Cook and other Rooms	2	24 1/2	10 1/2		515	Sft 515
	Total						
8	Teakwood Doors Battened complete						
	Doors large	~~4~~	3 1/2	-	6 1/2	24 / ~~46~~ 36	
	- do - small	2	3	-	6	~~12~~ 60	
	Total					~~64~~	Sft 64
9	T. wood windows Battened with Iron bars complete	2	2 1/2	-	4	30	Sft 30
10	Flooring with tiles on 4" Concrete bed, cook	2	11 1/2	9 1/2	-	109	
	Servants Room	2	11 1/2	7 1/2	-	86	
				Total		Sft	1.95
~~11~~	~~Cornice work at ends~~	~~2x2~~	~~10~~			~~40~~	~~Sft 40~~
12	White washing as per Plastering inside						Sft 9.3
13	Color washing do	Painting outsides					Sft 10.
14	Wood ailing timber						
	Rafters	2x12	10 1/2	-	1	252	
	Purlians and Ridge	3x2	24 1/2	-	1 1/2	98	
	Total	Wood ailing				Sft	350

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
15	Earth filling in between Basement Cook house	1	11½	9½	1	109	
	Servants Room	1	11½	7½	1	86	
	Total					195 cft	195
16	Laying Woodwork & Lumps which is not included	Sum					3
			Total				
17	Stone slabs 6" thick						
	Sills of doors	2	5	2	(½)	20	
	do	1	4½	2	(½)	9	29 cft
18	Stone slabs 4" thick						
	Sills and lintels of windows	2×3	4	1½	(⅓)	36	
	Lintels over doors	2	5	1½	(⅓)	15	
	do	1	4½	1½	(⅓)	7	58
6	Concrete	6	2	1	½	6 cft	6
	Asphalting	2	25	3½		175	
	Cross walls	3	9½	3½		99	
	Partition	1	9½	3½		33	
	End of do	2	7¼	3½		22	
			Total asphalting				399

Castle Ward. 66

Abstract Estimate,—~~Continued~~.

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1238	cft 1	cft	6	
	Stone in Mortar Foods	684	" 26	cft	107	
	do Basement	270	" 29	cft	46	
	do Superstructure	1367	" 2 a	cft	256	
	Pointing with Mortar	10·52	1-8 "	Lgr	16	
	Plastering do	9·59	28 "	Lgr	24	
	Stone slabs 6"	28	" 2 a	Sft	4	
	do 4"	58	" 1 9	Sft	6	
	Roof Covering with Pr. Tiles	5·15	24-8 "	Lgr	126	
	Flooring with tiles	1·95	15 "	Lgr	29	
	Kommay Wood work	37	2 8 a	cft	92	
	T. Wood Battened doors	60	" 14 "	Sft	52	
	do Windows with bars	30	1 "	Sft	30	
	Finials	2	2 a a	Each	4	
	White washing	9·59	" 26	Lgr	1	
	Color do	10·52	" 4 "	Lgr	2	
	Tarring	L.S.		Rs	3	
	Earth filling in	195	" " 1	Cft	1	
	Asphalting	399	" 24	Sft	99	
	Wood oiling	3·50	2 a a	Lgr	1	
			Total	Rs	911	
	Add for Ward				4255	
			Total		5166	
	Contingencies @ 3%				154	
					5320	
	Deduct 15% for Pur at e				820	4500 -

Dated at Bangalore — Total Estimate Rs.

Amount of Estimate —

Overseer.

Executive Engineer

Medical & Surgical Ward -

European Ward —	4530	
Non Caste ward	3140	
Special ward —	2110	
Total Rs	9780	
Contingencies —	210	
Grand Total Rs		9990 - -

Ett

European Ward &c

Abstract Estimate, ~~Continued~~

1	DESCRIPTION OF WORK. 2	Quantity. 3	Rate. 4	Per. 5	Amount. 6	Total Amount. 7
	Earthwork	3051	@ 1	Cft	16	
	Stone in Mortar foundation	2193	@ 26	Cft	340	
	do Basement	1044	@ 29	Cft	179	
	do Superstructure	5021	@ 32	Cft	941	
	Stone Slabs 6"	242	@ 2-	Sft	30	
	do 4"	23	@ 1-9	Sft	2	
	Concrete	7	@ 26	Cft	1	
	Pointing with Mortar	34.12	1-8 @	Sqr	51	
	Plastering do	43.32	28 @	Sqr	108	
	2 Wood Wrought & put up	302	34 @	Cft	978	
	Roof Covering in tiles	11.52	24-8 @	Sqr	282	
	Edgeing Pucka	5.66	28 @	Sqr	158	
	do Bengal	5.27	18 @	Sqr	95	
	Cornice 9"	106	@ 4-4	Rft	27	
	Parapet wall 2	106	@ 5-6	Rft	36	
	Flooring with tiles	11.81	15 @	Sqr	177	
	2 Wood doors Panelled	91	1 @	Sft	91	
	do Battened	83	@ 1-4	Sft	73	
	do Glazed	98.	1-2 @	Sft	110	
	do Fan light	33	1-4 @	Sft	41	
	Planking Ceiling	713	@ 4-4	Sft	178	
	Finials	2	2 @	Each	4	
	White washing	32.60	@ 26	Sqr	5	
	Color do	45.63	@ 4-4	Sqr	11	
	Wood ceiling	21.96	2 @	Sqr	44	
	Fairing Lumps Lime		Lbs		10	
	Earth filling in	1680	@ 1	Cft	9	
	Asphalting ½	1001	@ 2	Sft	125	
	Iron straps & stirrups	10	2 @	Each	20	
	Arch work in Mortar	206	@ 4-4	Cft	52	
	Stone pillars 6" thick	14	@ 26	Sft	2	
	Honey Comb Work	16	14 @	Sqr	2	
	Zinc Piping	21	@ 10	Rft	13	
			Total Rs		4214	
	Contingencies @ 7½ %				316	
					Rs	11530

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	European Ward &c						
	Earth work						
	Excavation for foundation						
	Longl walls	2	66	3	3	1188	
	End & Cross	4	16½	3	3	594	
	Bay Window	1	16½	3	3	149	
	Portions at ends of Bay	2	4½	3	3	81	
	Screen walls	2	8	3	3	144	
	End of Bath room Ward	2	11½	3	3	207	
	Sides of do do	2	4½	2¾	2	37	
	Retaining wall	1	16½	2¼	1	26.	
	Pillars	1.	2¾	1½	3	10.	
	End walls of Verandah	1	4½	2½	2	38	
	Sides do do	2	5½	2¾	2	61	
	Ends of Closet Ward	1	8	3	3	72.	
	Earth filling in at sides					444	
			Total.			3051	
	Stone in Mortar						
	Filling in Foundation						
	Longitudinal walls	2	65½	2½	3	975	
	End and Cross.	4	17	2½	3	510	
	Bay Window	1	17	2½	3	128	
	Portions at Ends of bay	2	4½	2½	3	68.	
	Screen wall	2	8	2½	3	120.	
	End of Bath L. Ward	2	11½	2½	3	173.	
	Sides of do	1	5	2½	3	38	
	Retaining wall of Verand	1	16½	1¾	1	29.	
		Carried	Over.			2041	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought Forward					2041	
	End Wall of Verando	1	17½	2¼	2	34	
	Ends of Closet Evard	1	8½	2½	3	64	
	Sides do.	2	6	2¼	2	54	
	Total.					2193	
	Stone in Mortar Basement						
	Longitudinal Walls	2	65	2	2	520.	
	End and Coss.	4	17½	2	2	280	
	Bay Window	1	17½	2	2	70.	
	Partition at Ends of Bay	2	4½	2	2	36.	
	Screen Wall	2	8½	2	2	68	
	End of Bath room Wall	2	11½	2	1	46.	
	Sides of do.	1	5½	2	1	11.	
	Retaining Wall of Verd.	1	14	1¼	1	21.	
	End walls of Veranda	1	7½	1⅞	1	14.	
	End of Closet Evard	1	9'	2	1	18	
	Sides do	2	7½	1¾	1	26.	
	Total					1110	
	Deduction						
	Sills of doors	4	5½	2	½	22.	
	do Small	6	4½	2	½	27	
	Steps for doors	1	4	1¼	½	3	
	do do	1	24	1½	½	6.	
	do do	2	8	½	½	8	
	Total deduction					66	
	Total less deduction						1044

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar Superstructure.						
	Longl. walls	2	64 1/2	1 1/2	12	2322	
	End and Cross Walls.	5	18	1 1/2	12	1620.	
	Bay Partition	1	18	1 1/2	10 1/2	284	
	Partition Screen.	2	9	1 1/2	12	324	
	Screen walls over Lady	2	9	1 1/2	8	162.	
	End of Bath room Cabin	2	11 1/4	1 1/2	12	405	
	Sides of do	1	6	1 1/2	12	108	
	Sides of do	X	X	1 1/2			
	End walls of Veranda	1	7 1/2	1 1/2	8	68	
	Ends of Closet European	1	9	1 1/2	12	162	
	Sides of do do	2	8	1 1/4	12	240	
	Gables.	3	21	1 1/2	4 1/2	425	
	Total					6120	
	Deduction.						
	Doors large	4	4	1 1/2	7	168	
	do Small	6	3	1 1/2	6.	162.	
	Windows large	3	4	1 1/2	5 1/2	99.	
	do of Bay Small	2	2 1/2	1 1/2	5 1/2	41	
	Windows large of Bay	1	3 1/2	1 1/2	5 1/2	89	
	Archway rectangular larg	2	6	1 1/2	6.	68	
	do Semicircular	2	$8\frac{1}{2}^2 \times .7854$		1/2	38	
	do Door.	10	$6\frac{1}{2}^2 \times .7854$		1/2	2119	
	do Rectangular Bay	1	9	1 1/2	7	95	
	do Semicircular	1	$1\frac{3}{4}^2$	1 1/2		27	
	Ventilators	3	4	1 1/2	2	36	
	Honey Comb Work.	1	4	1 1/2	4	24	
	Sills & Lintels of Vaults	2 2	5 1/2	1 1/2	1/2	25	
	Total Deduction					1101	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Total less deductions						5021
	Lonting with Mortar.						
	Outside Longwalls	2	64	"	14	1792	
	End walls	2	21	"	14	588	
	Bay.	1	18	"	12½	225	
	Gable.	2	21	"	4½	189	
	Ends of Bath room Lin	2	11½	"	13	293	
	Sides do.	1	9	"	13	117	
	Sides of Ward Bath	2	8	"	13	208	
	Total.						3412
	Plastering with Mortar.						
	Inside Walls	1	80	"	12½	10000	
	Sides Scullary	1	28	"	12½	350.	
	Bath	1	29	"	12½	363.	
	Closet.	1	31	"	12½	388.	
	Gable	4	18	"	4½	540.	
	Partition Walls.	4	9	"	4½	270.	
	Labor ward.	1	76	"	12½	950	
	do Bath Room	1	32	"	12½	400.	
	Bay	1	15	"	10	150	
	Total					4411	
	Deduction.						
	Doors large for Bay	11	9	"	7	63	
	Honey Comb work	1	4	"	4	16.	
	Total deductions					79	
	Total less deductions						4332
	Stone Slabs 6" thick						
	Sills Stones of doors large.	4	6	2	½	48	
	do Small.	6	5	2	½	60	
	Barrier Over					108	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Brought Forward					108	
	do of Bay Wall	1x2	65½	1½	½	18	
	Steps small	2x2	49½	1½	½	27	
	do large	1	29	1¼	"	36	
	do do	1	36	1¼	"	45	
			Total				242
	Stone Sashes "Check"						
	Sills of Windows	3	5	½	⅓	8	
	do of Vestibules	2x3	5	½	⅓	15	
		Total					23
	Oakwood work.						
	King Post Truss	2x1	19½	8"	12"	26	
	Struts	2x2	5	6"	8"	7	
	P. Rafters	2x2	13	6"	8"	18	
	King Posts	2x1	9½	8"	10"	11	
	Brackets	2x2	1½	8"	6"	2	
	Common Rafters	2x14	15	3"	4"	35	
	Ridge Piece	1	35½	6"	8"	24½	
	Purlins	2	35½	6"	8"	24	
	Pole Plate	2	35½	6"	8"	24	
	Wall Plates of Belfry	1	11	3"	4"	1	
	Joists of Bathroom	6	8	6"	5"	5	
	Pine wood work.						
	Lobby ward.						
	Beams	1	19½	10"	12"	16	
	Joists	2x12	11	3½"	7½"	48	
	Wall Plates	2	33"	3"	4"	6	
	do Bath Closet	2	19½	3"	4"	3	
	Joists of Bath Closet	7	7½	3½"	7½"	9	
				Total			82

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Passage						
	Joists	13	9½	3½	7½	16	
	Wall Plates	2	19½	3"	4"	3	19
	Verandah						
	Summers	1	20	5"	8"	6	
	Joists	16	10	3"	5"	17	
	Wall Plates	1	26	3"	4"	2	28
	Bay						
	Wall Plates	1	18	3"	4"	2	
	Joists	8	6½	2½	5"	2	
	Double do	4	2/8	4"	8"	4	12
			Total				302
	Over Pantries						
	Wood Large	4	3½		6½	91	91
	Bath mid Small	6	2½		5½	83	83
	Over Glazed.						
	Windows	3	3½	—	4½	40	
	Bay Windows	1	3	—	5	15	
	do Small	2	2	—	5	20	
	Ventilators	3	3½	—	1½	16	
			Total				98
	Over Gas Lights						
	Over Windows & Doors.						
		7	3½ × 7/8/2			22.296	33
	Roofing felt M. Libs.						
	Front & Rear	2	36	16		1052	1152

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Terracing the Ka						
	Over Labor wand	1	29	19½		566	566
	Basal Terracing.						
	Over Bay	1	18/2	7		63	
	Butt End	1	11½	8½		98	
	Verandah	1	28	10		280	
	Closet Lward	1	11½	7½		86	527
	Cornice Work	1	106			106	106
	Parapet wall	1	20 6	-		106	106
	Flooring with Tiles						
	main Verandah	1	21½	17½		376	
	do Labor	1	19½	17½		341	
	Passage	1	11½	8½		96	
	Scullery	1	8½	10½		88	
	Closet & Butt End	1	8½	10		85	
	Small Passage	1	8½	4		34	
	Butt end Ward	1	9½	5½		52	
	Verenda	1	24½	6		159	
	Total Flooring					Sq	1181
	Earth Filling Back						

Non Caste Ward

Abstract Estimate,—~~Continued~~.

76

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earthwork	3095	@ 1	Cft	16	
	Stone in Mortar Foundn	1171	@ 26	Cft	183	
	do — Basement	622	@ 29	Cft	109	
	do Superstructure	2113	@ 30	Cft	396	
	Pointing with Mortar	15·77	@ 8 2	Syr	23	
	Plastering do	24·89	2 8 a	Syr	62	
	Wood work	263	3-4 a	Cft	835	
	Wood oiling	26·62	2 a	Syr	41	
	Roof Covering in tiles	10·35	24-8 a	Syr	254	
	Terracing Ducka	1·66	28 a a	Syr	46	
	do Bengal	7·10	18 a a	Syr	128	
	Flooring with tiles	10·59	15 a a	Syr	159	
	Wood door Pannelled	109	1 a a	Sft	109	
	do Glazed	42	1-2 a a	Sft	48	
	do Fan light	24	1-4 a	Sft	30	
	Honey Comb Work	·64	14 a a	Syr	9	
	Parapet wall	10	@ 56	Cft	3	
	Asphalting	600	@ 2 a	Sft	150	
	Cornice Work	51	" 4 a	Rft	13	
	Tanking Lump Sum			Rs	7	
	Iron Steps & Stirrups	10	2 a a	Each	20	
	Concrete	28	@ 26	Cft	4	
	Stone slabs 6" thick	156	@ 2 a	Sft	20	
	do 4" do	43	@ 1 9	Sft	5	
	Arch work	182	@ 4 a	Sft	46	
	White washing	15·74	" 4 a	Syr	4	
	Color do	24·84	" 4 a	Syr	3	
	Planking	690	@ 4 a	Sft	173	
	Finial	2	2 a a	Each	4	
	Stone pillow	58	@ 26	Sft	9	
			Total		2929	
			Contingencies		211	
			Co Total Rs		3140	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth Work.						
	Excavation.						
	Front and Rear	2	28½	3	3	513.	
	Sides	2	22½	3	3	405"	
	Bath room rear	2	10	3	2	120"	
	do Sides	2	16½	3	2	198.	
	do Partition	1	10½	2¼	2	47	
	Retaining in Verandah	1	43½	1¾	1	76.	
	Pillars in Verandah	4	2¼	2	3	54.	
	Square Pillars	2	2¼	2¼	3	30.	
	Walls between Passage	4	¾	3	3	27.	
	Inside of ward	1	29½	17½	1½	774	
	Bath and closet	1	11	9	1	99.	
	Passage.	1	11	3½	1	38.	
	Verandah.	1	56	5¾	1	322	
	Passage.	1	17½	7	1½	184	
	Earth filling in Sides of Basement &.					208.	
			Total				3095
2	Filling Foundation with Stone in mortar.						
	Front and rear.	2	29	2½	3	435	
	Sides	2	22	2½	3	330.	
	Bath Sides	2	8	2½	2	80.	
	Sides	2	16	2½	2	160	
	do Partition	1	10½	1¾	2	37.	
	Retaining wall in Verandah &.	1	43½	1¾	1	76.	
	Square Pillars	2	2¼	2¼	3	30	
	Walls between Papage	4	¾	2½	3	23.	
					Total.		1171
3	Basement Stone in Mortar.						
	Front and Rear.	2	29½	2	2.	236.	
			Carried over			236.	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought Forward					236.	
	Sides large	2	21½	2	2	172.	
	Bath Sides	2	8½	2	1½	51.	
	do Front and Rear	2	15	2	1½	93.	
	Partitions	1	10½	1¼	1½	20	
	Retaining wall	1	46½	1¼	1	58	
	Pillars	2	3¼	1¾	1	6.	
	Passage	2	4½	2	2	36.	
				Total		662	662.
	Deductions.						
	Sills of doors.	5	6	2	½	30	
				Total			632.
4	Superstructure Stone in Mortar						
	Front and Rear	2	30	1½	12	1080	
	Sides	2	21	1½	12	756.	
	Bath Sides	2	9	1½	9½	256.	
	Front and Rear	2	15	1½	7	315	
	Partitions	1	10½	¾	6	47	
	Square Pillars Veranda	2	1¾	1¼	7½	23	
	Passage	2	5	1½	12	180	
	Gable	2	19½	1½	3¾	219	
			Total			2876.	
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	2	4	1½	5	60	
	Doors for Bath room	1	3½	1½	6½	38.	
	Archwork Semi-Circular over Doors	6	6½ × .785 / 2		× 1½	447	
	Lintels for bath room door	1	4½	1½	(4")	2.	
	Bath room arch way	1	4	1½	4	24.	
	Arch large Passage	2	6	1½	5¾	104	
	Semi circular Portion	2	8½ × .785 / 2		× 1½	85	
			Carried Over			628	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought Forward					628	
	Sills. Jambs of Windows						
	and Ventelators	6	5	1½	⅓	15	
	Hourybond Work	4	4	1½	4	96	
	Ventilators	2	4	1½	2	24	
				Total		763	
	Total less deductions						2113
5	*Pointing with Mortar outside*						
	Basement all around						
	Verandah	1	54	"	1	54	
	Front Wall	1	41	"	1	41	
	Rear Wall	1	41	"	2	82	
	Bath room all around	1	36½	"	1½	55	
	Front Wall	1	41	"	12	492	
	Rear Wall	1	30	"	12	360	
	Bath room all around	1	36½	"	9½	347	
	Gables	2	19½	"	3¾	146	
				Total		1577	
	Deduction Hourybond work as above					64	
					Total		1513
6	*Plastering with Mortar*						
	Inside of ward	1	96	"	12	1152	
	Passage of bath room	1	31	"	10	310	
	Passage	1	51	"	12	612	
	Bath and closet	1	41	"	10	410	
	Screen Wall	2	20½	"	6	246	
	Gable	2	19½	"	3¾	146	
				Total		2876	
	Deductions						
	Doors large	4	3	0	7	84	
	do Small	1	3½	"	6½	23	
	Windows	4	3	"	4	48	
	Arch rectangular bath	1	4	"	4	16	
				Carried Over		171	

Detail Estimate,—*Continued.*

No. of Items.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Deductions Brought forward					171.	
	Arch way Passage	2	6	"	5 3/4	69	
	Semi Circular	1	4 2/2 × .7854			6	
	do Passage	2	6 2/2 × .7854			27	
	do over door & window	9	4 2/2 × .7854			57	
	Honey comb as above					64	
	Total Deduction					394	
	Total less deductions Cyc. 24.82.						
7	Yeak Wood Work						
	King Post truss	2	19 1/2	8"	12"	26.	
	King Post.	2	9 1/2	8"	10"	11	
	Struts.	4	5	6"	8"	7	
	P. Rafters.	2x2	13	6"	8"	17	
	Purlins	2	33	6"	8"	22.	
	Ridge Piece	1	33	6"	8"	11.	
	Wall Plates	2	33	3"	4"	6.	
	Common Rafters 2' apart	2x6	15	3"	4"	40	
	Braces	2x2	1/2	8"	6"	2.	
	Rafters for bathroom	8	10 1/2	5"	8"	23.	
	Ridge do.	1	15	6"	9"	6.	
	Wall Plate do.	2	15	3"	4"	3	
	Rafters for Verandah	32	10	3 1/2"	5"	39	
	Wall Plates for do.	1	47	3"	4"	4	
	Summers for Verandah	1	54	5"	8"	18	
	Hip rafters do.	2	11	8"	10"	12.	
	Joists for Passage	12	7 1/2	3 1/2"	7 1/2	16.	
	Wall plates do.	2	19 1/2	3"	4"	3.	
	Total						
	Wood oiling for Timber						
	King Post Truss.	2	18	"	3 1/3	120.	
	King Post.	2	9	"	3	54	
	Struts	4	5	"	2 1/3	47.	
	P. Rafters.	2x2	13	"	2 1/3	121.	
	Purlins	2	30.	"	2 1/3	154.	
	Ridge Piece	1	30	"	2 1/3	77	
	Carried Over.					573	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Wood oiling. — Brought forward					5 73	
	Common Rafter	2×15	15	"	1	450	
	Brace	2×2	1½	"	2⅓	14	
	Rafters for Bath room	8	10½	"	1⅓	320	
	Ridge do.	1	15½	"	2	31	
	Rafters for Veranda	32	10	"	1¼	400	
	Summers for do.	1	54	"	1¾	94	
	Hip Rafters do	2	10	"	2¼	45	
	Joists for Passage	12	5	"	1½	135	
			Total				2062 ~~2062~~
9	Roof Covering with Mangalore Tiles Front & Rear	2	34½	15	"	10.35	Sqr 10.35
10	Bengal terrace for Bath room	1	15	"	16	240	
	do do Veranda	1	47	"	10	470	
			Total			710	Sqr 7.10
11	Pucka Terrace for Passage	1	19½	8¼	(9")	166	Sqr 1.66
12	Flooring with Mangalore Tiles with Concrete (6")						
	Ward	1	29½	7½	(6")	516	
	Passage of bath	1	11	3½	(6")	39	
	Bath and bloset	1	11	9	(6")	99	
	Passage	1	14½	7	(6")	123	
	Veranda	1	47	6	(6")	282	
			Total Sqr			10.59	Sqr 10.59
13	Teak wood doors Panelled	4	3½	"	6½	91	
	Bath room door	1	3	"	6	18	
				Total			1.09
14	Glazed windows with Shutters	2	3½	"	4½	32	
	Ventilators	2	3½	"	1½	11	
				Total		43	Sft 43

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
~~15~~	~~Glazed Sun light Complete~~						
	Over doors & windows	5	3½ x .7854			24	Sft 24
16	Stony bomb work.	4	4²	"	4	64	Cyr 64
~~17~~	~~Parapet wall 8 ft~~	2	5	"	"	10.	Rft 10
18	Asphalting.						
	Front and Rear	2	33	3½	(½)	231	
—	Sides	2	18	3½	½	126	
	For Bath room:	2	11½	3½	(½)	81	
	Sides	2	15½	3½	(½)	109	
	Passage	2	4½	3½	(½)	53	
			Total		Sft		600
19	Yarring Wood work	Lumps	Sum			Rs.	7.
20	Iron Straps & Stirrups	2×5	Each Rs	2		10	Rs. 20.
21	Concrete						
	Filling in sides of						
	Pillars	4	2¼	1½	2½	32½	
	Reduction stone						
	Pillars	4	1¼	½	2½	6.	Cft
		Total	less	Reduction			28
22	Stone Pillars 6" thick	4	1¼	11½	(½)	58	Sft 58
23	Sills of doors 6"	4	6	2	(½)	48	
	Wall plate for beams	2×2	2½	2½	6"	25	
	Steps	3	16.	1¼	6"	60.	
—	do.	3	6	1¼	6"	23	
			Total			156	Sft 156
24	Stones 4" thick						
	Sills of windows	4	6	1½	(⅓)	36.	
	Lintels of Doors	1	4½	1½	(⅓)	7	
							43.
25	Arch work.						
	Large	2	11½	1½	1¼	43.	
		Carried Over					43

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Arch work Brought Forward					41.3	
	Small over D°	10	8¼	1½	1¼	139	Sft.
						Total	182
26	White washing as per						Sft.
	plastering inside				Sqr	24.84	24.84
27	Cornice work					51.	Sft 51
28	Plank Ceiling	2	30	1½	"	690.	Sft 690
29	Color washing to Bath						
	room Passage	1	31	"	9	279	
	Bath room	1	41	"	9	369	
	Screen Wall	1	20½	"	6	123	
					Total	771	Sft 771

Special Wards —

Abstract Estimate,—*Continued.*

84

of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1846	—1	Cft	10	
	Stone in Mortar foundn	1144	—26	Cft	225	
	do Basement	528	—29	Cft	91	
	do Superstructure	3662	—3	Cft	574	
	Pointing with Mortar	14.42	1-8	Sqr	22	
	Plastering do	17.92	2-8	Sqr	45	
	R.W. Work	115	3-4	Cft	374	
	Asphalting	526	—2	Sft	66	
	Stone slabs 3"	93	—1-6	Sft	9	
	do 4"	16	—1-9	Sft	2	
	do 6"	127	—2	Sft	16	
	Terreeing Pucka	652	28	Sqr	188	
	do Bengal	138	18	Sqr	25	
	Arch work	53	—4	Cft	13	
	White washing	10.32	—26	Sqr	1	
	Color do	22.82	—4	Sqr	6	
	Cornice Work	103	—4	Cft	26	
	R.W Panelled	41	1	Sft	41	
	do Glazed	84	1-2	Sft	94	
	do Fan light	9	1-4	Sft	11	
	Flooring with tiles	5.05	15	Sft	76	
	Honey Comb Work	67	14	Sqr	9	
	Wood oiling	5.41	2	Sqr	11	
	Earth filling in	679	—1	Cft	4	
	Tarring	Lumpsum		Rs	5	
	Parapet wall	103	—56	Cft	35	
				Total Rs	1980	
		Contingencies 7 %			120	
				Grand Total Rs	2100	

A.K.

Washing Yard.

95

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Earth work.						
	Excavation.						
	Longl walls	2	49½	3	3	891	
	Cross walls	2	11½	3	3	207	
	do Batt & Closet	2	4	3	3	72	
	Batt & Closet	1	42	3	3	378	
	Stone Partition	1	11	3¼	1½	12	
	Bay	1	14	3	3	126	
	Bay End	2	2½	3	3	45	
	Retaining wall & Sewer	1	4	3	1	12	
	Earth Filling in at Sides					183	
	Total Earth work				Cft		1846
	Stone in Mortar.						
	Filling in Foundation						
	Longl walls	2	49	2½	3	735	
	Cross do	2	12	2½	3	180	
	do Batt & Closet	2	4	2½	3	60	
	do End of Bay	2	2½	2½	3	37	
	Bay	1	12½	2½	3	109	
	Retaining Wall	1	4	2½	1	10	
	Batt & Closet	1	42	2½	3	313	
	Total Filling in Foundn						1444
	Stone in Mortar.						
	Basement						
	Longl walls	2	418½	2	1½	291	
	Cross do	2	12½	2	1½	45	
	do Batt & Closet	2	4	2½	1	20	
	Batt & Closet	1	42	2½	1	84	
	Bay End	2	2½	2	1	10	
	Bay	1	15	2	1½	45	
	Retaining Wall	1	4½	2	1½	13	
	Total					508	
	Deduction					538	
	Sills & doors	2	5	2	½	10	
	Total less deduction				Cft		528

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar.						
	Superstructure						
	Longl walls.	2	48	1½	12	1728	
	Cross do	2	13	1½	12	468	
	do Batts	2	4	1½	12	144	
	Bay	1	15½	1½	10½	194	
	End of Bay	2	2½	1½	12	90	
	Passage Crown Arch	1	13	1½	3	58	
	Batt & cloud	1	42	1½		661	
	Total					~~3682~~ 3343	
	Deductions.						
	Doors	1	4	1½	7	42	
	do small	1	3½	1½	6½	34	
	Windows.	2	4	1½	5	60	
	do small	2	2½	1½	5	37	
	do do	2	2	1½	5	30	
	Honey Comb work	1	3½	1½	4½	13	
	Flues Semicircular	2	4½ × 3 × .785		1½	19	
	Ventilator	2	4	1½	2	24	
	Sills Flutes & Mould	2×2	5½	1½	½	16	
	do do	2	4	1½	½	6	
	Total					281	
	Total less deductions					Cft	~~3682~~ 3401
	Pointing with Mortar						
	Outside all around	1	66	"	12	792	
	Bay	1	19	"	10	190	
	do Batts	1	46	"	10	460	
	Total Square						1442
	Plastering with Mortar						
	Inside Guard	1	86	"	12	1032	
	Carried over					1032	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Plastering Brought down					1032	
	Inside do Passage	1	34	"	10	340	
	Batt & Closet	1	42	"	10	420	
	Total					Sqs	19.92
	Teak wood work.						
	Joists & ward	20	16½	4"	8"	64	
	Wall Plates	2	48	3"	4"	8	
	Joists & Batt room	9	9½	3"	4"	13	
	Wall Plates do do	2	14½	3"	4"	2	
	Hips & Bay	4	9	5"	8"	4	
	Jack Joists & Bay	6	8	3"	6"	12	
	Wall Plates do do	1	15½	3"	4"	1	
	Passage Joist 1½ &	5	6½	3"	6"	12	
	do Wall Plates	2	21	3"	4"	4	
	Total wood work					Cft	115
	Flooring with Tiles on Concrete						
	Ward	1	29½	12½	"	368	
	Passage	1	12½	3½	"	44	
	Batt	1	12½	7½		93	
	Passage small	1				Sqs	5.05
	T. Wood Glazed						
	Windows	2	3½	"	4½	32	
	Ventilators	2	3½	—	1½	11	
	Windows small	2	2½	"	4½	23	
	do	2	2	—	4½	18	
	Total				Sft		84
	~~Teak wood Glazed~~						
	Teak wood Panelled						
	do do	1	3½		6½	23	
	do small	1	3	"	6	18	
						Sft	41

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Inroad Sash light over Doors & windows	2	3½ × 2/2		9	Sft	9
	Cornice work	1	92	—		92	Sft 92
	do Passage	1	11			11	
					Total		103
	Parapet wall	1	103			Sft 103	103
	Arch work						
	Over doors & windows	12	8½	1½	1¼	31	
	Bay	1	12	1½	1¼	22	
					Total	Sft	53
	Stone Slabs 6" thick						
	Sills Stones & doors						
	large	1	5½	2	(½)	10	
	do Small	1	5	2	(½)	10	
	Sills & Lintels & Jamb	22	8½	1½	(½)	33	
	Lintels & windows	2	5½	1½	(½)	16	
	do Small	4½	3½	1½	½	42	
	Step	1	12	¼	½	15	Sft
	Stone Slabs 4" thick						126
	Sills & windows	2	5½	1½	(⅓)	16	Sft 16
	Stone Slabs 3" thick						
	Partition Stone &						
	Bath Room	1	11	—	8½	93	Sft 93
	White washing					Syr.	10.32
	Color washing					Syr.	22.82
	Asphalting Over						
	Basement & Steps Structure						
	Long walls	2	48	3½	2	336	
	Cross do	2	13	3½	1	91	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Asphalting (Cf						
	Cross Bath	2	4	3½	"	28	
	Berg.	1	16½	3½	"	54	
			Total			Sft.	526
	Terracing Pucka						
	Ward	1	31½	14½	-	157	
	Passage Closet	1	14½	5½	-	80	
	Passage large	1	21	6½	-	136	
				Total		Sqr.	6.73
	Terracing Bengal						
	Bath + Closet	1	14½	9½	-	138	Sqr 1.38
	Honey Comb work						
	Passage	1	3½	-	6½	23	
	Bath + Closet	2	4	-	5½	44	
					Total	Sqr	.67
	Wood oiling						
	Joists forward	20	13	—	1⅓	433	
	do bath	9	8	—	1½	108	
					Total	Sqr	541
	Earth filling in						
	Between basement						
	Ward	1	29½	12½	1½	541	
	Passage	1	12½	3½	1	44	
	Bath	1	12½	7½	1	94	
					Total	Cft. Work	679
	Give Piping for						
	Ventilation not required —						
	Forming Wood work, that						
	are embedded in Masonry —					Lump Sum	Rs 5

Abstract Estimate,—~~Continued~~.

90

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Lower Storey				6250	
	Upper do				4150	
	Stair Case				450	
	Bay Window				320	
	Servants Stairs				130	
	Kitchen				1870	
		Grand Total			~~Rs~~	13170 - -

Bangalore

Total Estimate Rs...

Overseer.

Asst to Executive Engineer R.E.

~~Executive Engineer.~~

1st Augt/94

Sisters Quarters.

91 Abstract Estimate,—~~Continued~~. Lower Story

No. of Item	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	10910	-- -3/4	Cft	57	
	Stone in mortar formation	6150	" -2 3/4	Cft	961	
	do Basement	1556	" -2 5/9	Cft	267	
	do Superstructure	7370	" -3 2/3	Cft	1382	
	Stone slab 6"	10	" -1 6/8	Sft	1	
	do 6"	105	" -1/2 6"	Sft	13	
	do 6" Pillar	43	" -2 3/4	Sft	7	
	Pointing with mortar	41.78	1-4/8 "	Sqr	63	
	Plastering do	49.80	2-6/8 "	Sqr	126	
	Wood work Teak	336	3-5/8 "	Cft	1176	
	Terracing Pucka	21.83	28 "	Sqr	616	
	Cornice 9"	84	" -4 "	Rft	21	
	Parapet wall 2'	84	" -6 "	Rft	31	
	Flooring with tiles	15.28	15 "	Sqr	228	
	T.W. Pannelled	106	1 "	Sft	106	
	do Battened	45	" -14 "	Sft	40	
	do Glazed Window	72	" 12 "	Sft	54	
	White washing	49.80	" 2 "	Sqr	7	
	Color do	41.78	" -3/4 "	Sqr	11	
	Wood oiling	31.26	2 "	Sqr	63	
	Tarring		Lump sum		5	
	Earth filling in	2295	" -3/4	Cft	12	
	Asphalting	~~4423~~	" -2 "	Sft	178	
	Arch work ordinary	131	" -8 3/8 "	Sft	65+	
	Concrete	18	" 2 3/4	Sft	3	
	Arch work, Cut Stone	201	" -12 "	Cft	151	
				Total		5744-
	Contingencies @ 10%					506
				Grand Total		6250

AK.

92

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work *Condemning Sisters Quarters*

Lower Story.

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work.						
	Excavation						
	Long. front & Rear wall	2	58 2/3 — 5 7/6	4 2/3 — 3 1/6	5	2954	2738
	End & Cross	4	25 2/3 — 28 1/6	4 2/3 — 5 1/6	5	2911	2396
	Centre	2	17 — 18 1/2	4 2/3 — 5 1/6	5	956	793
	Verandah	1	34 1/2 — 35 1/2	1 3/4	1	62	60
	Cross & end of bath Room	3 1/6	3 1/4 — 4 1/2	4 1/6 — 5 1/6	4 5	349	350
	Front do	2 X	7 5/12 — 8	4 1/6 — 5 1/6	4 5	207	247
	Rear	2 X	19 1/2	4 1/6 — 5 1/6	4 5	504	650
	Corner Pillar of Porch	2	7 1/2	3 1/6 — 3 2/3	3 5	361	154
	End do do	2	3 1/2	3 2/3 — 5 1/6	3 5	181	33
	Centre do do	2	3 1/2	3 2/3 — 5 1/6	2 5	181	88
	Wall in Bay window	2	6 1/2	4 1/6	5 1/2	8666	260
	Steps						13
	Earth filling in at sides		8 1/2	3	1 1/2	2244	1122
							7 2/3
							165 8
			Total Earth work			*Cft*	10910
							44
	Stone in Mortar						
	Filling in foundation						
	Front & Rear	2	57 2/3 — 56 2/3	3 1/3	5	2151	2114
	End & Cross	4	26 2/3 — 27 1/3	3 1/3	5	2029	1953
	Middle wall	2	18 — 19	3 1/3	5	697	663
	Verandah	1	36	1 1/4	1	45	43
	Porch						
	Corner Pillar	2	1 — 6/2	3 1/6 — 3 2/3	3 5	238	
	End do	2	3	3 2/3	3 5	110	5
	Centre do	2	3 1/2	3 1/2 — 3 2/3	3 5	110	
	Bath. End & Rear	X 2	18 3/4 — 19	3 5/12 — 3 1/3	4 5	348	
	Cross & End	6	4 1/4 — 5	3 5/12 — 3 1/3	4 5	275	
	Front	2 X	7 7/24 — 8	3 5/12 — 3 2/3	4 5	147	
	Bay window	2	7 1/2				
				Total		*Cft*	6150

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar						
	Basement						
	Front & Rear	2	56/6	2/6	2	487	
	End & Cross	4	28/6	2/6	2	487	
	Centre wall	2	19½	2/6	2	169	
	Verandah	1	36½	2/6	1½	449	
	Porch Corner Pillar	2	4 5½	2/6	2	52	
	do End	2	2½	2/6	2	22	
	do Centre	2	2½	2/6	2	22	
	Bath Front	2	8½	2/6	2	37	
	do Cross & End	3×2	5½	2/6	2	44	
	Rear	2	18½	2/6	2	169	
	Bay Windows	2	8½	2/6	2	76	
	Steps	1	6½	3	3/4	15	
				Total		1629	
	Deduction						
	Sills of door Large	2/1	6	2/6	½	27	
	do Small	4	5½	2/6	½	24	
	do Bath	4	5	2/6	½	22	
				Total Deduct		73	
				Total less deduction			1555
	Stone in Mortar						1715
	Superstructure						
	Front & Rear	2	55 2/3	1/3	13½	2441	
	End & Cross	4	28 2/3	1/3	12½	2306	
	Middle wall	2	20	1/3	13½	2516	
	Porch Corner Pillar	2	5½	1/3	12½	2389	
	do End do	2	2	1/3	6 × 1	833	
	do Centre do	2	2	1/3	6 × 1	40	
	do Over porches	1	5 3/4	1/3	4½ × 1	40	
				Carried over		405	
						6123	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Stone in Mortar Brought forward					6123	
	Superstructure / Cf						
	Bath Front	1x2	7 2/3	1 1/3	13 1/2	333	
	do Cross & End	3x2	6.	1 1/3	13 1/2	750	
	do Rear	2	17	1 1/3	13 1/2	750	
			Total			7956	
	Deduction						
	Door large	2 x	4 1/2	1 1/3	7 1/2	56	
	do Small	4	3 1/2	1 1/3	7	163	
	do do Bath	4	3	1 1/3	6 1/2	130	
	Ventilator	3x2	3 1/2	1 1/3	1 1/2	52	
	Windows	6	3 1/2	1 1/3	4 1/2	156	
	Arches	1	3 1/2 dia	1 1/3	-	6	
	do Small	4	2 dia	1 1/3		14	
	do do	4	1 2/3 dia	1 1/3		9	
			Total deduction			586	Cft.
			Total less deduction				7370
	Pointing with Mortar						
	Outside						
	Front & Rear	2	58 2/3	—	12 1/2	1389	
	End walls	2	32	—	12 1/2	800	
	Verandah Basement	1	36	—	11 1/2	54	
	Bath. Front	1	8	—	12 1/2	100	
	do Rear	1	17	—	12 1/2	213	
	do End & Cross	2	9	—	12 1/2	232	
	Porch Pillars Corner	2	7 1/3	—	6	88	
	do End do	2	7 1/3	—	6	88	
	do Door arches	1	53	—	4	212	
					Total Pointing		41.76

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering with Border						
	Inside of Drawing & Visiting	2	70	—	12	1680	
	do Dining Re	2	64	—	12	1536	
	Bath & Closet	2	36	—	12	864	
	Passage	1	75	—	12	900	Sft.
				Total		4980	4980
	Teak wood work						
	Beams - Drawing & Visiting	2	17	10"	1¼	35	
	Joists	4	11	4"	8"	127	
	Wall plates	4	16½	3"	4"	6	
	Passage - Joists 1½ ft apart	19	10	4"	9"	42	
	do Wall plates	4	30	3"	4"	10	
	Dressing Room Joists	4X8	11	4"	8"	78	
	do Beam	X2	13½	8"	12"	9	
	do Wall plates	4	13½	3"	4"	5	
	Bath & Closet Joists	2X9	7½	3"	4"	20	
	do Wall plates	3X2	7½	3"	4"	4	
							Sft.
				Total	Work		336
	T. Wood Panelled						
	Doors large	1	4	—	7	28	
	do Small	4	3	—	6½	78	
				Total		Sft	106
	T. W. Battened						
	Doors Bath & Closet	3	2½	—	6	45	Sft 45
	T. W. Glazed						
	Windows large	2	3	—	4½	27	
	do Small	4	2½	—	4½	45	
					Total	Sft	72
	Stone slabs						
	Sills of door	1	5½	2	(½)	11	
	do do Small	4	5	2	(½)	40	
	do do do	6	4½	2	(½)	54	Sft
				Total		slabs	105

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents
	Rough dressed stone slabs 6"						Sft
	Verandah Pillars	3	11½	1¼	(½)	43	4
	Stone slabs 6"						Sft
	Bottom slabs of Pillars	3	2¼	1½	(½)	10	10
	Concrete filling in						Cft
	Foundation of Pillars	3	6			18	1
	Terracing Pucka						
	Drawing & Visiting	2	21½	16½		709	
	Bed & other Room	2	21½	13½		580	
	Bath & Closet	4	7½	7½		225	
	Passage	1	30¼	10½		317	
				Total		18.31	18
	Flooring with tiles on Concrete						
	Dining & Drawing	2	19½	14½	(½)	566	
	Rear Rooms	2	19½	11½		449	
	Passage	1	28½	8½		239	
	Bath & Closet	2x2	5½	5½		122	
	Verandah	1	35½	6.		213	
				Total		Flooring	15
	Whitewashing as per plastering inside of Rooms					Sqr	49
	Colorwashing as per Painting Outside					Sqr	41
	Cornice work all around	84			9"	84	8
	Parapet wall 2'	84			2"	84	8
	Earning Wood work 2	Lump Sum				Rs	5

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Wood oiling timber:						
	Drawing &c Beam	2	15	—	3¼	98	
	do Joists	4X8	10	—	2	640	
	Bed Room. Beams	2	12	—	3¼	78	
	do Joists	4X10	10	—	2	800	
	Passage. Beam	1	9	—	3¼	29.	
	do Joists	20	9	—	2	360	
	Bath & closet. Joists	4X4	6	—	1⅔	160	
	Verandah, Joists	25	9	—	1¼	281	
	do Summer	1	36	—	2	72	
	Porch Beam	1	15	—	3¼	48	
	do Joists	2X4	10	x	2	560	Sqr.
				Total		Oiling	31.26
	Arch work Over						
	Door	1	5/6	1⅔	2	17	
	do Small	4	3 5/6	1⅔	2	51	
	do do	6	3/6	1⅔	2	63	
				Total		131	Sft 131
	Arch work in Mortar, Cut stone,						
	Porch						
	Arches elliptical, Sides	2	18½	1⅔	2	123	
	do front large	1	10½	1⅔	2	35	
	do do Small	2	6½	1⅔	2	43	Sft.
				Total		C. S Arch	201
	Asphalting. basement & Superstructure						
	Front & Rear	2	56½	3 5/6	—	433	
	End & Cross	4	28½	3 5/6	-	432	
	Centre wall	2	19½	3 5/6	-	150	
	Verandah	1	36½	1¼	-	46	
	Porch Pillars	4	2½	2⅙	-	22	
	do do Corner	2	6	2⅙	-	26	
	Bath, Front	1X2	8½	3 5/6	-	65	
	do End & Cross	3X2	5¼	3 5/6	-	127	Sft.
	do Rear	1X4	18½	3 5/6	-	122	1423

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth filling in Basement.						
	D. & V. Rooms	2	19½	14½	1½	848	
	Bid. do	2	19½	11½	1½	673	
	Passage	1	28½	8½	1½	363	
	Verandah	1	35½	6	1½	320	
	Bath & Closet	2	5½	5½	1½	91	
				Total Earth Work			cft 2295

Sisters Quarters.

99 Abstract Estimate,—~~Continued.~~ Upper Story

No. of Item	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1		3	4	5	6	7
Stone in Mortar		1640	" 3-6	Cft	1015	
Pointing with Mortar		26.78	1-12 "	Sqr	47	
Plastering		44.68	2-8 "	Sqr	112	
Teak wood work		368	3-8 "	Cft	1288	
T.W. Pannelled		23	1 " "	Sft	23	
—do— Battened		162	" 14 "	Sft	142	
Whitewashing		44.68	" 2 "	Sqr	6	
Color washing		26.78	" 3-4 "	Sqr	7	
Roofing with Mangalore tile		13.44	24-8 "	Sqr	329	16 " "
Terracing Puckka		10.10	28 " "	Sqr	282	
Wood oiling timber		29.16	2 " "	Sqr	58	
Zinc Piping		224	" 4 "	Rft	56	
Flat arch		137	" 4 "	Cft	34	
Flooring with tile		17.16	15 " "	Sqr	257	
Asphalting		448	" 2 "	Sft	56	
Tarring Wood work		Lumpsum		Rs	5	
Iron straps & stirrups		10	2 " "	Each	20	
T.W. Glazed		117	1-2 "	Sft	132	
			Total Rs		3869	
		Contingencies 7 %			281	
			Grand Total Rs			4150 - -

MK.

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. 100 of

Work Constructing Sisters Quarters
Upper Story.

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents,
	Stone in Mortar						
	Front + Rear walls	2	55 1/8	1 1/4	11	1516	
	End + Cross	4	29 5/24	1 1/4	11	1606	
	Middle wall	2	20 13/24	1 1/4	11	565	
	Gables	2	18 1/3	1 1/4	3 1/2	160	
	Bath						
	Front	1x2	8	1 1/4	11	220	
	Rear	1x2	16 1/2	1 1/4	11	454	
	Ends + Cross	3x2	6 13/24	1 1/4	11	540	
	Gable	2	8 19/24	1 1/4	2 1/2	55	
			Total Stone in Work			5116	
	Deduction						
	Doors	1	4	1 1/4	7	35	
	do Small	4	3 1/2	1 1/4	6 1/2	114	
	do Bath	3x2	3	1 1/4	6	135	
	Windows	8	3 1/2	1 1/4	4 1/2	157	
	Ventilators	2x3	3 1/2	1 1/4	1 1/2	35	
			Total deduction			476	
			Total Cross deduction			4640	C/F 4640
	Pointing with Chunam						
	Front + Rear	2	55 1/8	-	11	1213	
	End + Cross	2	29 5/24	-	11	638	
	Bath						
	Front	2	8	-	11	176	
	Rear	2	16 1/2	-	11	363	
	End	2x2	6 13/24	-	11	288	
			Total Pointing		Squares.		26.78

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering with Morter						
	Inside Bed Room	2	12	—	11	1584	
	do Large Room	2	66 1/6	—	11	1456	
	Bath & closet	2	26 1/6	—	11	576	
	Passage	1	77.48	—	11	852	
			Total Plastering			Sqr	44.68
	Wood work.						
	Bed room front.						
	King Post truss						
	Tie beam	2	17½	4½"	8"	9	✓
	King Post	2	6⅔	4½"	6"	3	✓
	Struts	4	7	4"	4½"	4	✓
	P. Rafters	4	10½	4½"	6"	8	✓
	Bracket	4	¾	4"	6"	1	✓
	Pale plate	2	55	4"	6	18	✓
	Purlins	2	55	4"	6"	18	✓ 5.✓
	Ridge piece	1	55	4"	6"	9	✓
	C Rafters	2×24	12	3"	4"	48	✓ 118
	Rear bed room						
	Wall plate	4	14	3"	4"	8	✓
	Joists	4×8	11½	4"	8"	82	✓ ✓
	Beam	2	14½	8"	12"	19	✓ 106 ✓
	Passage						
	Beam	1	11½	8"	12"	8	✓
	Joists	20	11½	4"	8"	51	✓
	wall plate	2	30	3"	4"	5	✓ 6 ✓
	Bath & closet						
	Joists	2×10	8½	3"	6"	21	✓
	wall plate	4	17	3"	4"	6	✓
	Verandah						
	Wall plates	1	38	3"	4"	3	✓
	Rafters	25	10½	2½"	5"	23	✓ Off
	Summer	1	38½	6"	9"	14	1/3
	Posts	3	7½	9"	9"	13	36.8 ✓

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	F. Wood Panelled:						
	Doors ———	1	3½	—	6½	23	23
	F.W. Battened						
	Doors bath Room ———	2×3	2½	—	6½	90	
	—do— small ———	4	3	—	6	72	162
				Total		Sft.	
	White washing as per balancing measure					Sqr.	44·68
	Color washing — do — painting — do —					Sqr.	26·78
	Roofing with Mangalore tiles including ridge complete	2	56	12	-	1344	Sqr. 13·44
	Terracing Work						
	Rem bedroom ———	2	14	22		616	
	Passage ———	1	14	11	-	154	
	Bath & closet ———	2	116	7½	-	240	
				Total terracing		Sqr.	1010·0
	Wood oiling timbers						
	Bedroom						
	Tie beam ———	2	15	-	1⅓	50	
	King post ———	2	6	—	1¾	21	
	Struts ———	4	6	—	½	36	
	Brackets ———	4	¾	-	1⅓	4	
	P. Rafters ———	4	13	—	½	78	
	Ridge piece ———	1	52	—	1⅓	86	
	Purlins ———	2	52	—	1⅓	172	
	Pole plate ———	2	52	—	1⅓	172	
	Com Rafters ———	2×24	12	—	1½	768	
			Carried over			Sqr. ———	1387

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Carried over					Sft 1387	
	Wood oiling 1 Coat.						
	Bedroom Rear.						
	Beams	2	12½	–	3⅓	83	
	Joists	4×8	9½	–	1⅚	609	
	Bathrooms						
	Joists	2×10	6	–	½	180	
	Passage						
	Beams	1	9½	–	3⅓	32	
	Joists	9	9½	–	1⅚	157	
	Verandah.						
	Rafters	25	10½		1¼	327	
	Summer	1	37	–	2	74	
	Posts	3	7½	–	3	67	
	Total Wood oiling					Sqr	29.16
	4 inch Drainage Pipes from top to ground.						
	Bathroom	4	28	–	–	112	
	Bedroom	4	28			112	
	Total piping					Rft	224
	Flat arches over Door						
	Large	1	6	1½	1¼	14	
	Small	4	5½	1½	1¼	41	
	Windows	8	5½	1½	1¼	82	
	Total area of work					Sft	137.3
	Flooring with tiles on a bed of 4" Concrete.						
	Passage	1	28⅔	9	(½)	258	
	Front bedrooms	2	20	15		600	
	Rear — do	2	20	12		480	
	Verandah	1	36	6½		234	
	Bath + closet	2×2	6	6		144	
	Total flooring						17.16

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting						
	Front & Rear	2	5 7/12	1/4		142	
	End & Cross	4	29 1/4	1/4		145	
	Middle wall	2	20 1/2	1/4		50	
	Bath. front	1×2	8 1/2	1/4		21	
	do Rear	1×2	16 1/2	1/4		41	
	do Ends & cross	3×2	6 1/2	1/4		49	
			Total asphalting			Sqft.	448
	Sawing wood work that are embedded in Masonry		Lump	Sum		Ks.	5
	Iron stirrups & straps	10				No.	10
	Wood Glazed						
	Ventilators	6	3/12	—	1	24	
	Windows	8	3	—	4	96	Sqft.
				Total	Glazed		117
	~~Painting Sheet~~ for doors						

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Bay Window						
	Earth work						
	Excavation						
	Bays	2	11	3	3	198	
	deduct for arch filling in sides					30	cft 228
	Stone in border						
	Filling in foundation	2	13	2½	3	195	cft 195
	do Basement	2	13½	2	2	108	108
	do Superstructure 2×11 arch 5/13	2	14	1½	10½	441	
	Deduction						
	Windows large	2	3	1½	4½	40	
	do do small	4	2½	1½	4½	68	
	Sills & lintels of Windows	2×2	4½	1½	⅓	9	
	do do do small	4×2	4	1½	⅓	16	
			Total deduct			133	cft.
		Total less deduction cft.					308
	Pointing with Chimam						
	Outside	2	16½	—	10½	348	Sqr 3.48
	deduct for 4	1/2					
	Plastering in ~~side~~ Chimam						
	Inside	2	12½	—	10½	262	Sqr 2.62
	Wood work						
	Joists	2×4	6½	2½	5"	5	
	do Jack	2×11	6½/2	2½	5"	6	
	wall plate	2	16½	3"	4"	3	cft.
					Total cft		14
	Bengal terracing						
	Over bay	2	17/2	—	10	170	Sqr 1.70
	Whit Washing						
	Inside as per plastering inside						Sqr 2.62
	Color washing — Pointing out side						Sqr 3.48

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Flooring with tiles on Concrete						
	Bay	1	7½	3½	-	26	Sft 26
	Earth filling in between						
	Basement of bay	1	7½	3½	1½	39	Cft 39
	Stone slabs 4" thick						
	Sills and lintels of Window	2×2	4½	1½	(⅓)	28	
	do do Small	2×4	4	1½	(⅓)	48	
				Total		*Stone* Sft	76
	F. Wood glazed						
	Windows large	2	3	-	4½	27	
	do Small	4	2½	-	4½	45	
				Total		*Windows* Sft	72
	Painting Silicate						
	Windows large	2	3	-	4½	27	
	do Small	4	2½	-	4½	45	
				Total		*Paintg.*	72

~~B~~ 320.

Abstract.

			@			
Earth work	Cft	228	1	Rs	1	
Stone in mortar. Foundation	Cft	195	.26		31	
do Basement	Cft	108	.29		19	
do Superstructure	Cft	308	.3		68	
Pointing with mortar	Sqr	3.48	1.4		4	
Plastering do	Sqr	2.62	2.8		6	
White washing	Sqr	2.62	.2		1	
Color do	Sqr	3.48	.4		1	
Wood work	Cft	14	3.8		49	
Flooring with tiles	Sqr	.26	15		4	
Earth filling in	Cft	.39	1		1	300
Stone slabs 4"	Sft	76	.26		12	20
F. Wood glazed	Sft	72	1.2		81	320
Painting silicate	Sqr	.72	2		1	
Bengal terracing	Sqr	1.70	18		~~26~~ 31	~~26~~
			Continuation		~~26~~ 32	290

Detail Estimate,—~~Continued~~.

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Content
	Stair Case						
1	Wood work.						
	Posts Small	2	4	9"	9"	5	
	do long	2	13	9"	9"	15	
	do do	2	16	9"	9"	18	
	Straing Beams	2	27	4"	14"	21	
			Total W. work cft.				59
2	P.W. Planking						
	Treads	21	4/4	12"	(1½)	90	
	Rise	21	4/4	7"	(1½)	52	
	Landing	2	4	4	(1½)	32	
			Total Planking cft.				174
3	F.W. Hand railing						
	Both sides	2	29	-	(2½)	58	
	Passage	1	18	-	(2½)	18	
	Entrance	1	4		(2½)	4	
			Total W. Railing cft.				80
	Wood oiling timber						
	Posts Small	2	1	-	3	6	
	do long	2	10	-	3	60	
	do do	2	13	-	3	78	
	Treads	2x21	4	1	-	168	
	Rises	2x21	4	7"		98	
	Straining beam	2	27	3		162	
	Hand railing	1	50	2	2½	200	
			Total Wood oiling Sqr.				7.72
	Abstract						
1	Wood work	59	@ Rs 3/8	cft.	Rs.	206.	
2	P.W. Planking	174	@ -6-	Sft.	Rs	65.	
3	F.W. Hand railing	80	@ 1-10-	Rft.	Rs	130	
4	Wood oiling	7.72	@ 2	Sqr.	Rs	15	
		Total Rupees etc.				416	Rs 430

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Servants Stairs						
	Earth work						
	Excavation for Pillars	10	3	2½	2	150	
	Filling in at sides					50	Cft. 200
	Stone in clay						
	Filling in formation	10	2½	2	2	100	Cft. 100
	Superstructure	10	2	1½	3½	105	105
	one Arches	1	46	1¼	4	276	
	Under stairs	25	4½	1½	2½	172 ½	346
	Stone in Border Arches.						
	Large	4	6¼	1½	1¼	46	
	Small	2	4½	1½	1¼	17	
	do	2	3½	1½	1¼	13	
				Total		Cft	76
	Pointing the sides with Chunam						
	Both sides	1	46	—	5	230	Sft 230
	Parapet wall						
	Complete	1	46	—	(2)	46	Sft 46
	Rough dressed stone						
	Steps of treads	25	4½	1¼	(¼)	140	Sft 140
	— Abstract —						
	Earth work	Cft	200	@ 1	Rs	1	
	Stone in clay formation	Cft	100	" 1-6	Rs	9	
	do Superstructure	Cft	105	" 1-9	Rs	11	
	do do	Cft	346	" 2-4	Rs	43	
	Pointing with Chunam	Sft	2·30	1-8	Rs	3	
	Parapet wall	Sft	46	" 5	Rs	14	
	Dressed stone steps	Sft	140	" 2	Rs	18	
	Arch work	Cft	76	" 3-6	Rs	16	
				Total		115	Rs.
				Contingencies		15	
				Grand Total			130

Sisters' Kitchen

Abstract Estimate,—~~Continued~~.

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1765	—-1	cft	9	
	Stone in Rubble Foundation	1244	-26	cft	194	
	do Basement	4691	-2-9	cft	81	
	do Superstructure	2688	-3-	cft	504	
	Pointing with Mortar	1804	1-8-	Sqr	27	
	Plastering do	1800	2-8-	Sqr	35	
	Wood work Romans	120	2-8-	cft	300	
	S. W. Battened doors &c	120	-14-	Sft	105	
	Asphalting	326	-2-	Sft	41	
	White washing	1800	-2-	Sqr	2	
	Color washing	1804	-4-	Sqr	4	
	Roofing with Mangalore tiles	1311	24-8-	Sqr	321	
	Stone Silted slabs 4"	90	—1-9	Sft	10	
	do Sill do 6"	65	-2-3	Sft	9	
	Flooring with 9" Concrete	421	15—-	Sqr	64	
	Earth filling in	361	—-1	cft	2	
	Fencing	Lump	Sum	~~Rs~~	3	
	Ventilators, 9" Tile	8	2—-	Each	16	
	Wooden Gate	Lump	Sum	~~Rs~~	10	
				Total ~~Rs~~	1747	
			Contingencies @ 7½%		123	

Dated at Bangalore

Total Estimate Rs... 1870

Overseer.

Executive Engineer.

Sisters Kitchen

Detail Estimate, ~~Continued~~.

DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
Earth work						
Excavation of Foundation						
Front + Rear	2×2	28	3	3	1008	
End + Cross	6	8½	3	3	459	
Screen wall of Scullery	1	13	2	1½	259	
Earth filling in abscides					39	
		Total			1765	cft 1765
Stone in Mortar						
Filling in foundation						
Front + Rear wall	2×2	27	2½	3	810	
End + Cross	6	9	2½	3	405	
Scullery Screen wall	1	13	1½	1½	29	
			Total		1244	cft 1244
Stone in Mortar						
Basement						
Front + Rear	2×2	26½	2	1½	318	
End + Cross	6	9½	2	1½	171	
Screen wall	1	-	-	-	-	
Total					489	
Deduction						
Sill Stones of doors	4	5	2	½	20	
		Total less deduction				469
Stone in Mortar						
Superstructure						
Front + Rear	2×2	26	1½	10	1560	
End + Cross	6	10	1½	10	900	
Fire place	1	10	1	13	130	
Screen wall	1	13	1	6	78	
Gable	6	13	1½	2¾	322	
			Total		2990	
Deduction						
Doors	4	3½	1½	6½	131	
Window	4	3	1½	4½	95	
Arches rectangular	1	6	1½	6	54	
do Semicircular	1	$6^2 \times .7854 \div 2$		1½	22	
					302	2688

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Content
	Plastering with Chunam						
	Out side, Front & Rear	4	28½	—	10	1140	
	End & Cross	2×2	13	—	10	520	
	Gable	2×2	13	—	2¾	144	
				Total		1.804	Sqr 1
	Plastering with Chunam						
	Rooms inside	4	40	—	10	1600	
	Gable	4×2	10	—	2½	200	
				Total		1800	Sqr 18
	White washing as per plastering, inside					Sqr	18.00
	Color washing as per plastering, Out side					Sqr	18.0
	Wood work						
	Ridge Piece	1	57	4"	6"	9	
	Rafters front	34	12	2½	5"	35	
	do Rear	34	10½	2½	5"	31	
	Purlins	2	57	4"	6"	19	
	Wall plate	2	57	4"	3"	10	
	Shoots	34	3'	2½	3½	6	
	Summer	1	57	4"	6"	10	
				Total		120	Sft 12
	Asphalting over basement						
	Front & Rear wall	2×2	26½	2	-	212	
	End & Cross	6	9½	2		114	
				Total		326	Sft 3
	Roofing with Mangalore tiles with teak rafters &c Complete	1	57	23	-	13.11	Sqr 13.1
	Ventilating Mangalore tiles	2×4	-	-	-	8	No: 8

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents
	Earth filling in between Basement-						
	Rooms	4	9½	9½	1	361	cft 36
	Tile flooring on a bed of Concrete of 4" including Cement Pointing						
	Rooms	4	9½	9½	-	361	
	Scullary	1	10	6	-	60	
				Total		Square	42
	Stone lintals + ~~sills~~ slabs. 4"						
	Doors	4	5	1½	-	30	
	Windows	4×2	5	1½		60	
					Total	cft	9c
	Stone sills 6"						
	Doors	4	5	2	-	40	
	Steps	4	5	1¼		25	
					Total	cft	65
	I. Wood Battened, within frame						
	Doors	4	3	-	6	72	
	Windows	4	3	-	4	48	
					Total	120	cft 1
	Earth filling in between Basements - Rooms	4	9½	9½	1	361	cft 36

Abstract Estimate,—~~Continued~~. Vestry Quarters Lower Story.

DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
2	3	4	5	6	7
the Work.	10 910	" — " — 1	Cft.	54	
ne in mortar Foundn	6150	" — 2 — 6	Cft.	961	
do Basement	1556.	" — 2 — 9	Cft	267	
do Superstructure	7370	" — 3 — "	Cft	1382	
ne Slabs 6"	10	" — 1 — 9	Sft	1	
do 6"	105	" — 2 — "	Sft.	13	
do 6" Cellar	43	" — 2 — 6	Sft	9	
inting with mortar	41.78	1 — 8 — "	Sq.	63.	
ctering do	49.80	2 — 8 — "	Sq.	126.	
d work Teak	336.	3 — 8 — "	Cft	1176	
racing Packa.	21.83	28 — " — "	Sq.	616	
nice 9"	84	" — 4 — "	Rft	21	
apet wall 2"	84	" — 6 — "	Rft	31.	
ring with Tiles	15.28	15 — " — "	Sq.	228	
. Pannelled	106	1 — " — "	Sft	106.	
— Battened	40	" — 4 — "	Sft	40	
o - Glazed window	72	" — 12 — "	Sft	54	
e Washing	49.80	" — 2 — "	Sq.	7	
or do	41.78	" — 4 — "	Sq.	11.	
d Ceiling	31.26.	2 — " — "	Sq.	63	
ring	Lump Sum			15 —	
te Filling in	2295	" — " — 1	Cft	12.	
Shalling	1423	" — 2 — "	Sft	178	
e Work Ordinary	131	" — 8 — "	Sft	68 —	
crete	18	" — 2 — 6	Sft	3	
Work Cut Stone	201	" — 12 — "	Cft	151	
		Total			5744 " "
		Contingencies @ 10%			506
		Grand Total			6250 " "

Constructing Sisters' Quarters—

Lower Story Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work.						
	Excavation						
	Longl Front & Rear Wall	2	57 1/6	5/6	5	2954	
	End and Cross	4	28/6	5/6	5	2911	
	Centre	2	18 1/2	5/6	5	956	
	Verandah	1	35 1/2	1 3/4	1	62	
	Cross and End of Bath room	3	4 1/2	5/6	5	349	
	Front — do —	1	8	5/6	5	207	
	Rear	1	19 1/2	5/6	5	504	
	Corner Pillar of Porch	2	7	3/6	5	361	
	End — do — do	2	3 1/2	5/6	5	181	
	Earth filling in at Sides					22424	
			Total Earth work. Cft				10910
	Stone in mortar.						
	Filling in Foundation						
	Front and Rear.	2	56 2/3	3 2/3	5	2151	
	End and Cross	4	27 2/3	3 2/3	5	2029	
	Centre Wall	2	19	3 2/3	5	697	
	Verandah.	1	36	1 1/4	1	45	
	Porch.						
	Corner Pillars	2	6 1/2	3 2/3	5	238	
	End — do	2	3	3 2/3	5	110	
	Centre do	2	3	3 2/3	5	110	
	Bath End and Rear	1	19	3 2/3	5	348	
	Cross and Ends	3	5	3 2/3	5	275	
	Front	1	8	3 2/3	5	147	
			Total	Cubic ft			6150
	Stone in mortar.						
	Basement.						
	Front and Rear.	2	56	2	2	487	
			Carried Over			487	

115

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Basement Brought Forward					487	
	End and Cross	4	28/6	2/6	2	487	
	Centre Wall.	2	19½	2/6	2	169	
	Verandah.	1	36½	2/6	1½	119	
	Porch Corner Cellar	2	6	2/6	2	52	
	do — End.	2	2½	2/6	2	22.	
	do — Centre	2	2½	2/6	2	22.	
	Batt Front.	2	8½	2/6	2	37.	
	do Cross and End	3×2	5½	2/6	2	74	
	do — Rear.	2	18½	2/6	2	160	
			Total			1629.	
	Deduction.						
	Sills of doors large	1	6	2/6	½	27.	
	— do — small	4	5½	2/6	½	24	
	— do — Batt	4	5	2/6	½	22	
			Total Deduction			73	
			Total less Deduction				Cft 1556
	Stone in mortar.						
	Superstructure						
	Front and Rear	2	55/3	1/3	2½	2306	
	End and Cross	4	28/3	1/3	2½	2389.	
	Middle wall.	2	20	1/3	2½	833	
	Porch Corner Cellar	2	5½	1/3	6	110	
	— do Ends — do	2	2	1/3	6	40	
	— do Centre — do	2	2	1/3	6	40	
	Do Over arches	1	54	1/3	5½	405	
	Batt Front.	1×2	8	1/3	2½	333	
	do Cross and End	3×2	6	1/3	2½	750	
	do Rear.	2	18	1/3	2½	750	
			Total			7956	

116

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Stone in Mortar		Total			7956	
	Deduction						
	Doors large	1	4½	1⅔	7½	56	
	— do — Small	4	3½	1⅔	7	163	
	— do — Bath	4	3	1⅔	6½	130	
	Ventilator	3×2	3½	1⅔	1½	52	
	Windows	6	3½	1⅔	4½	156	
	Arches	1	3½ dia	1⅔	-	6	
	— do — Small	4	2 dia	1⅔	-	14	
	— do — do	4	1⅔ dia	1⅔		9	
			Total deduction			586	
			Total less deduction				Cft 7370
	Pointing with Mortar.						
	Outside						
	Front & Rear	2	55⅔	—	12½	1389	
	End walls	2	32	—	12½	800	
	Verandah Basement	1	36	—	1½	54	
	Bath Front	1	8	—	12½	100	
	— do — Rear	1	17	"	12½	213	
	— do — End & Cross	2	9	—	12½	232	
	Porch Pillars Corner	2	7⅓	"	6	88	
	— do — End do	2	7⅓	"	6	88	
	— do — Over Arches	1	53	"	4	212	
			Total Plastering				41.96
	Plastering With Mortar.						
	Inside of drawing and						
	Visiting	2	70	"	12	1680	
	— do — Dining Etc	2	64	"	12	1536	
	Bath & closet	2	36	"	12	864	
			Carried forward			4070	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering with mortar	Continued B. forward					
	Papago					4070	
	Papago	1	95	"	12	900.	
			Total	Plastering			Sqr 49.80
	Teak wood work.						
	Beams Drawing Room	2	17	10"	1¼	35	
	Joists	4	11	4"	8"	127	
	Wall Plates	4	16½	3"	4"	6.	
	Passage Joists 1½ ft apart	19	10	4"	9"	412	
	do Wall Plates	4	30	3"	4"	10	
	Dressing room joists	18	11	4"	8"	78	
	do Beams	1	13½	8"	½"	9	
	do Wall Plates	4	13½	3"	4"	5—	
	Bath & closet Joists	2×9	7½	3"	7"	20.	
	do Wall Plates	3×2	7½	3"	4"	41.	
			Total	Wood	Work.		Cft 336.
	Teak Wood Panelled.						
	Doors large.	1	41	"	7	28	
	do Small.	4	3	—	6½	78	
			Total		Sft		106.
	Teak Battened.						
	Doors bath & closet.	3.	2½	—	6	45	Sft 45.
	Teak Glazed.						
	Windows large.	2	3	—	4½	27	
	do Small	4	2½	"	4½	45	
				Total		Sft	72.
				P.S.		0.	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone Slabs 6"						
	Sills of door	1	5 1/2	2	(1/2)	11.	
	— do — do — small	4	5	2	(1/2)	40	
	— do — do — do	6	2 1/2	2	(1/2)	57	
	Total Slabs 6"						Sft 105
	Rough dressed Stone Slabs 6"						
	Verandah Pillars	3	11 1/2	1 1/4	(1/2)	43	Sft 43.
	Stone Slabs 6"						
	Bottom slabs of Pillars	3	2 1/4	1 1/2	(1/2)	10	Sft 10.
	Concrete Filling in						
	Foundation of Pillars	3	6			18	Cft 18
	Terracing Packa						
	Drawing & Visiting	2	21 1/2	16 1/2	—	709	
	Bed Cotter Room	2	21 1/2	13 1/2	—	580	
	Bath & closet	4	7 1/2	7 1/2		225	
	Papaga	1	30 1/4	10 1/2		317	
	Total Sqrs						18.31
	Flooring with Tiles on Concrete						
	Dining & Drawing	2	19 1/2	14 1/2	(1/2)	566	
	Rear Rooms	2	19 1/2	11 1/2		449	
	Passage	1	28 1/6	8 1/2		239	
	Bath & Closet	2x2	5 1/2	5 1/2		122	
	Verandah	1	35 1/2	6		213	
	Total Flooring Sqrs						15.28
	White Washing as per plastering						
	Inside of Rooms				Sqr		49.80

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Color Washing as per Painting Outside					Sqr	11.78
	Cornice Work all Around	84			9"	84	Rft 84
	Parapet Wall 2'	84			2'	84	Rft 84
	Painting Wood Work Pump Sum					Ps	5
	Wood Ceiling Joists.						
	Drawing & Beam	2	15		3¼	98	
	— do — Joists	4×8	10		2	640	
	Bed Room Beams	2	12		3¼	78	
	— do — Joists	4×10	10		2"	800	
	Papaige Beam	1	9		3¼	29	
	— do Joists	20	9	—	2	360	
	Bath & Closet Joists	4×4	6	—	1⅔	160	
	Verandah Joists	25	9		1¼	281	
	— do Summer	1	36	—	2	72	
	Porch Beam	1	15		3¼	48	
	— do — Joists	2×4	10		2	560	
		Total W. Ceiling					Sqr. 31.26
	Arch work Over						
	Door	1	5/6	1⅔	2	17	
	— do Small	4	35/6	1⅔	2	57	
	— do — do	6	3½/6	1⅔	2	63	
		Total					Cft 131
	Arch work in Mortar Cut Stone Porch.						
	Arches Elliptical Sort	2	18/2	1⅔	2	123	
		Carried Over				123	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Brought forward					123	
	Arches front large	1	10½	1⅓	2	38	
	do do small	2	6½	1⅓	2	43	cft
	Total C. F. Brick						201 ✓
	Asphalting basement and superstructure						
	Front and Rear	2	56½	3⅚		433	
	End and Cross	4	28⅙	3⅚		432	
	Centre Wall	1	19½	3⅚		150	
	Verandah	1	36½	1¼		46	
	Porch Pillar	4	2½	2⅙		22	
	do do Corner	2	6	2⅙		26	
	Batt Front	1×2	8½	3⅚		65	
	do End and Cross	3×2	5½	3⅚		127	
	do Rear	1×2	18½	3⅚		122	
	Total					Sft	14.23 ✓
	Earth Filling in Basement						
	W & V Rooms	2	19½	14½	1½	848	
	Bed do	2	19½	11½	1½	643	
	Passage	1	28½	8½	1½	363	
	Verandah	1	35½	6	1½	320	
	Batt & Closet	2	5½	5½	1½	91	
	Total Earth work					Cft	22.95

Sesses Quarters

Abstract Estimate,-- ~~Continued.~~ Upper Story

No. of It.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	To Amo
1	2	3	4	5	6	7
	Stone in Mortar.	1664.10	1-3-6	Cft	1015	
	Pointing with Mortar	26.78	1-12-0	Sqr	47	
	Plastering	44.68	2-8-0	Sqr	112	
	Teak Wood work.	368	3-8-0	Cft	1288	
	D. W. Pannelled	23	1-0-0	Sft	123	
	do Battened	162	0-12-0	Sft	142	
	White Washing	44.68	0-2-0	Sqr	6.	
	Color washing	26.78	0-4-0	Sqr	7	
	Roofing with M. Tiles	13.44	24-8-0	Sqr	329	
	Terracing Pucka	10.10	28-0-0	Sqr	282.	
	Wood Oiling Timber	29.16	2-0-0	Sqr	58	
	Zinc Piping	224	0-1-0	Rft	56.	
	Flat arch.	13	0-2-0	Cft	34	
	Flooring with Tiles	17.16	15-0-0	Sqr	257	
	Asphalting	448	0-2-0	Sft	56.	
	Joining Wood work.	Lumps	Sum		65-	
	Iron Straps & Screws	10.	2-0-0	Each	20.	
	D. W. Glazed.	117	1-2-0	Sft.	132	
		Total	—	Rs	3869.	
		Contingencies	at 7%		281	
		Grand Total		Rs	4150	
					C. T. Rs 4150	

Upper Story

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents
	Stone in Mortar.						
	Front and Rear walls	2	55 1/8	1 1/4	11	1516.	
	End and cross	4	29 5/24	1 1/4	11	1606	
	Middle wall	2	20 13/24	1 1/4	11	565	
	Gables.	2	18 3/3	1 1/4	3 1/2	160	
	Bath						
	Front	1×2	8	1 1/4	11	220.	
	Rear.	1×2	16 1/2	1 1/4	11	454	
	Ends & Crop.	3×2	6 13/24	1 1/4	11	540	
	Gable	2	8 19/24	1 1/4	2 1/2	55	
			Total Stone in walls				5116
	Deduction.						
	Doors	1	4	1 1/4	7	35	
	do - Small	4	3 1/2	1 1/4	6 1/2	114	
	do Bath	3×2	3	1 1/4	6	135	
	Windows	8	3 1/2	1 1/4	3 1/2	157	
	Ventilators	2×3	3 1/2	1 1/4	1 1/2	35	
			Total Deductions				476
			Total less deduction				Cft
	Pointing with Cement						
	Front and Rear.	2	55 1/8	-	11	1213	
	End and Crop.	2	29 5/24		11	638	
	Bath.						
	Front	2	8	—	11	176.	
	Rear	2	16 1/2		11	363	
	End.	2×2	6 13/24	-	11	288	
			Total Pointing				Sqrs
							Cft

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering with Mortar						
	Inside Bed Room	2	72	"	11	1584	
	do Large Room	2	66 ⅙	—	11	1452	
	Bath and Closet	2	26 ⅙	"	11	572	
	Passage	1	77.48	"	11	852	
			Total Plastering			Sqs	444.68
	Teak Wood work						
	Bed Room Fronts						
	King Post Trusses						
	Tie Beam	2	17½	4½"	8"	9	
	King Post	2	6⅔	4½"	6"	3	
	Struts	4	7	4"	4½"	4	
	P. Rafters	4	10½	4½"	6"	8	
	Bracket	4	¾	4"	6"	1	
	Pole Plate	2	55	4"	6"	18	
	Purlins	2	55	4"	6"	18	
	Ridge Piece	1	55	4"	6"	9	
	C Rafters	2×24	12	3"	4"	48	
	Rear bed Room						
	Wall Plate	4	14	3"	4"	5	
	Joists	4×8	11½	4"	8"	82	
	Beam	2	14½	8"	12"	19	
	Passage						
	Beam	1	11½	8"	½"	8	
	Joist	20	11½	4"	8"	51	
	Wall Plate	2	30	3"	4"	5	
			Carried over			288	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Bath and Closet.		Brought forward			Sft. 288.	
	Joists	2x10	8½	3"	6"	21.	
	Wall Plate	4	17	3"	4"	6	
	Verandah.						
	Wall Plates	1	38	3"	4"	3	
	Rafters	25	10½	2½"	5"	23	
	Summers.	1	38½	6"	9"	14	
	Posts.	3	7½	9"	9"	13.	
			Total Cubic Feet.				368
	Teak Wood Panelled.						
	Doors	1	3½		6½		Sft 23.
	T. Wood Battened.						
	Doors Bath room	2x3	2½		6½	90	
	—do— Small	4	3		6	72	
			Total Sft.				162.
	White washing as per plastering inside		do			Sqr	44.68.
	Color washing do		do		do	Sqr	26.78.
	Roofing with Mangalore tiles including reepers & ridge Complete	2	56	12		Sqr	13.44.
	Terracing Pucka.						
	Rear bed room	2	14	22	—	616	
	Passage	1	14	11	—	154	
	Bath and Closet	2	16	7½		240	
			Total Terracing			Sqr	10.10.

124

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Wood Ceiling Timber						
	Bed room						
	Pie Beam	2	15		12/3	50	
	Ridge Post.	2	6		13/4	21	
	Studs	4	6		1½	36	
	Brackets.	4	3/4		12/3	4	
	P. Rafters	4	13	—	1½	78	
	Ridge Piece	1	52	—	12/3	86	
	Purlins	2	52		12/3	172	
	Pole Plate	2	52		12/3	172	
	Cone Rafters	24×4	12		1⅓	768	
	Bed room Rear						
	Beams	2	12½	-	3⅓	83	
	Joists	4×8	9½	-	1⅝	609	
	Batt room						
	Joists	2×10	6	—	9½	180	
	Passage						
	Beams	1	9½	—	3⅓	32	
	Joists	9	9½	—	1⅝	154	
	Verandah.						
	Rafters	25	10½	"	1¼	327	
	Trimmer	1	37	—	2	74	
	Posts	8	7½	.	3	64	
	Total wood Ceiling Sqr.						2916
	Zinc Drainage Pipes						
	Iron top Spouns.						
	Batt room	4	28	"	"	112	
	Bed room	4	28	"	"	112	
	Total Piping					Rft	224.

Detail Estimate,—*Continued.* 125

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Flat Arch Over door						
	Large	1	6	1/2	1/4	14	
	Small	4	5 1/2	1/2	1/4	41	
	Windows	8	5 1/2	1/2	1/4	82.	
	Total arch work					Cft.	137
	Flooring with Tiles on a bed of 4" Concrete						
	Passage	1	28 2/3	9	0 1/2	258	
	Front bed rooms	2	20	15		600	
	Rear —do— do	2	20	12		480	
	Verandah	1	36	6 1/2		234	
	Bath & closet	2x2	6	6		144	
	Total Flooring						1716
	Asphalting						
	Front and Rear	2	5 7/12	1/4		142	
	End and Cross	4	2 9/12	1/4		145	
	Middle wall	2	20 1/2	1/4		50.	
	Bath. Front.	1x2	8 1/2	1/12		21.	
	—do— Rear.	1x2	16 1/2	1/12		41	
	—do— End and Cross.	3x2	6 1/2	1/12		49	
	Total Asphalting					Sft.	448
	Paring Wood Work that are Imbedded in Masonry	Lump Sum					5
	Iron straps and Stirrups	60				60	60
	Y. Wood Glazed.						
	Ventelators	6	3 1/2		1	21	
	Windows.	8	3		4	96	
	Total Glazed.					Sft.	117

Bay Window

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth Work.						
	Excavation						
	Bay.	2	11	3	3	198	
	Filling in Sides					30	Cft
					Total		228
	Stone in Mortar.						
	Filling in Foundation	2	13	2½	3	195	~~Cft 195~~
	do — Basement	2	13½	2	2	108	Cft 108.
	do — Superstructure	2	14	1½	10½	441	
	Deduction.						
	Windows large	2	3	1½	4½	40	
	do - Small	4	2½	1½	4½	68	
	Sills & Lintels of Windows	2×2	4½	1½	⅔	9	
	do — do Small	4×2	4	1½	⅔	16.	
					Total deduction	133	
					Total less deduction		Cft 308
	Pointing with Chunam.						
	Outside	2	16½	—	10½	348	Sft 3.48
	Deduct for.						
	Plastering in Chunam						
	Inside	2	12½	—	10½	262	Sft 2.62
	Wood work.						
	Joist	2×4	6½	2½"	5"	5	
	do Jack	2×11	6½ / 2	2½"	5"	6.	
	Wall Plate	2	16½	3"	4"	3	
					Total Cft.		14
	Bengal Terracing						
	over Bay	2	17 / 2	—	10	170	Sft 1.70

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	White washing						
	Inside as per plastering inside					Sqr	2.62.
	Color washing						
	outside do Pointing outside					Sqr.	3.48
	Flooring with Tiles on						
	Concrete Bay	1	7½	3½		26	Sqr 26.
	Earth filling in between						
	Basement of bay	1	7½	3½	1½	39	cft 39.
	Stone Slabs 4" thick						
	Sills and lintels of Windows	2+2	4½	1½	(⅓)	28	
	do do Small	2+4	4	1½	(⅓)	48	
	Total Stone					cubic ft	76.
	Wood Glazed.						
	Windows large.	2	3	—	4½	27	
	do small.	4	2½	—	4½	45.	
	Total Windows					Sft	72.
	Painting Silicate						
	Windows large.	2	3	—	4½	27	
	do small.	4	2½	—	4½	45	
	Abstract— Total Painting						72

Earth work	cft	228	---1	1
Stone in mortar foundation	cft	195	-26	31
— do — do — Basement	cft	108	-29	19
— do — do — Superstructure	cft	308	-3-	58
Pointing with mortar	Sqr	3.48	1-4--	4
Plastering do	Sqr	2.62	2-8--	6
White washing	Sqr	2.62	--2--	1
Color washing	Sqr	3.48	--4--	1
Wood work	Sft	144	3-8--	49 4
Flooring with tiles	Sqr	26	15----	
Earth filling in	cft	39	----1	1
Stone slabs 4"	Sft	76	4-2-6	12
Wood Glazed	Sft	72	1-2--	81
Painting Silicate	Sqr	72	2----	1
Bengal terracing	Sqr	1.10	18----	31
			Total	300
			Contingencies	20
				320

Sisters Stair Case

Detail Estimate,—*Continued.* 128

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Teak wood work.						
	Posts small	2	4	9"	9"	5	
	do long	2	13	9"	9"	15	
	do do	2	16	9"	9"	18	
	Steering Beams	2	27	4"	14"	21	
	Total wood work					Cft	59 ✓
	T.W. Planking						
	Treads	21	4 1/4	12"	(1 1/2)	90	
	Rise	21	4 1/4	7"	(1 1/2)	52	
	Landing	2	4	4	(1 1/2)	32	
	Total Planking					Sft	174 ✓
	Teak wood Hand Railing						
	Both Sides	2	29	—	(2 1/2)	58	
	Passage	1	18	—	(2 1/2)	18	
	Entrance	1	4	—	(2 1/2)	4	
	Total H. Railing					Rft	80 ✓
	Wood Oiling Timber						
	Posts small	2	1	—	3	6	
	do long	2	10	—	3	60	
	do do	2	13	—	3	78	
	Treads	2×21	4	1		168	
	Rise	2×21	4	4"		98	
	Training Beam	2	27	3		162	
	Hand Railing	1	80	3	2 1/2	200	
	Total Wood Oiling					Sft.	772 ✓

Abstract

T. Wood work	59	3-8 —	cft	Rs	206
T.W. Planking	174	— 6 —	Sft		65
T.W. Hand Railing	80	1-10 —	Rft		130
Wood oiling	772	2 — —	Sft		15
			Total		416
	Contingencies		Grand Total		34 450-

Servants Stairs

129.

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth Work						
	Excavation for Cellars	10	3	2½	2	150	Cft.
	Filling in at Sides					50	200
	Stone in clay						
	Filling in Foundation	10	2½	2	2	100	Cft 100
	Superstructure	10	2	1½	3½	105	105
	Over arches	1	46	1½	4	276	
	Below Steps	25	4½	1½	½	70	
					Total		346
	Stone in Mortar arches						
	Large	4	6¼	1½	1¼	46	
	Small	2	4½	1½	1¼	17	
	do	2	3½	1½	1¼	13	
		Total		C.	ft		76
	Pointing the sides with Chunam						
	Both sides	1	46	—	5	230	Sq. 2.30
	Parapet wall						
	Complete	1	46	—	(2)	46	Rft 46
	Rough dressed stone						
	Steps of treads	25	4½	1¼	(1¼)	140	Sft 140

Abstract.

Earth work	cft	200	1-1-		1
Stone in clay foundation	cft	100	1-1-6		9
do Superstructure	cft	105	1-1-9		11
do do	cft	346	1-2-	-	43
Pointing with Chunam	Sq	2.30	1-8-	-	3
Parapet wall	Rft	46	1-5-	-	14
Dressed stone steps	Sft	140	1-2-		18
Arch work	cft	76	1-3-6		16
				Total	115
			Contingencies		15
			Grand Total		130

Sailors Kitchen

130 Abstract Estimate,—Continued.

No. of	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth Work.	1765	" -" -1	Cft	9	
	Stone in mortar Founda.	1244	" -2 -6	Cft	194	
	do Basement	4691	" -2 -9	Cft	81	
	do Superstructure	2688	" -3 -"	Cft	504	
	Pointing with mortar	18.04	1 -8 -"	Sqr	27	
	Plastering do —	18.00	2 -8 -"	Sqr	38	
	Wood work Doorway	120	2 -8 -"	Cft	300	
	2. M. Battened doors	120	" -14 -"	Sft	105	
	Asphalting	326.	" -2 -"	Sft	41	
	White Washing	18.00	" -2 -"	Sqr	2.	
	Color do	18.04	" -4 -"	Sqr	4.	
	Roofing with M. Tiles	13.11	24 -8 -"	Sqr	321	
	Stone Kerbs slabs 4"	90	" -1 -9	Sft	10	
	do Sill — do 6"	65	" -2 -3	Sft	9	
	Flooring with M. tiles on Concrete	4.21	15 -" -"	Sqr	64	
	Earth Filling in	361	" -" -1	Cft	2.	
	Carting	Lump	Lump	Rs	3	
	Ventilators M. Tile	8	2 -" -"	Each	16.	
	Wooden Gate	Lump	Lump	Rs	10	
			Total —	Rs —	1447	
		Contingencies @ 7½ p.c.			123	
					Rs.	
			Total Estimate			1870 - -

J.K.

[redacted] Kitchen —

D[redacted]mate,—*Continued.* 131

No. of Item.	DESCRIPTION OF W[redacted]	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work.						
	Excavation of [redacted]dation.						
	Front and [redacted]	2×2	28	3	3	1008	
	End and cr[redacted]	6	8½	3	3	459	
	Screen wall of Sc[redacted]	1	13	2	1½	259	
	Earth filling in [redacted]s					39	
			Total			1765	Cft 1765
	Stone in Mortar.						
	Filling in Foundation.						
	Front and Rear wall	2×2	27	2½	3	810	
	End and cross.	6	9	2½	3	405	
	Scullary Screen wall	1	13	1½	1½	29	
			Total			1244	Cft 1244
	Stone in Mortar.						
	Basement.						
	Front and Rear	2×2	26½	2	1½	318	
	End and Cross	6	9½	2	1½	171	
	Screen wall	1					
			Total.			489	
	Deduction						
	Sill stones of doors	4	5	2	½	20	
			Total less deduction				469
	Stone in Mortar.						
	Sapers structure.						
	Front and Rear.	2×2	26	1½	10	1560	
	End and Cross.	6	10	1½	10	900	
	Fire place	1	10	1	13	130	
	Screen wall	1	13	1	6	78	
	Gable	6	13	1½	2¾	322	
			Total.			2990	

15

Detail Estimate,—[redacted]d.

No. of Item.	DESCRIPTION OF WORK.	Dimensions. No.	B.	D.	Contents.	Total Contents.
	Stone in Mortar	[illegible]	[illegible]		2990	
	Deduction					
	Doors	4	1½	6½	134	
	Window	2	1½	4½	95	
	Arches rectangular	4	1½	6.	34	
	do Semi circular	2 × 7.85	1½		22	
			Total		302	
			Total less deduction			2688
	Pointing with Chunam					
	Outside Front & Rear	4 28½		10	1140	
	End and cross	2×2 13		10	520	
	Gable	2×2 13		2¾	144	
		Total				1804
	Plastering with Chunam					
	Rooms Inside	4 40		10	1600	
	Gable	4×2 10		2½	200	
			Total		1800	Sqr 1800
	White washing as per plastering inside					Sqr 1800
	Color washing as per plastering outside					Sqr 1800
	Wood work.					
	Ridge Piece	1 57	4"	6"	9	
	Rafters Front	34 12	2½	5"	35	
	do — Rear.	34 10½	2½	5"	31	
	Purlins	2 57	4"	6"	19	
	Wall Plate	2 57	4"	3"	10	
	Struts	34 3'	2½	3½	6.	
	Summer.	1 57	4"	6"	10	
		Total			120	Cft 120

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting over Basement						
	Front and Rear wall	2×2	26½	2	"	212.	
	End & cross.	6	9½	2	"	114	
			Total			326	Cft 326.
	Roofing with Mangalore tiles						
	with Teak rafters &c.	1	57	23	"	13.11	Sqrs 13.11.
	Ventilating Mangalore tiles	2×4	—	—	—	8.00	8.
	Earth filling in between						
	Basement						
	Rooms	4	9½	9½	1	361	Cft 361.
	Tile flooring on a bed						
	of Concrete of 4" in						
	cluding Cement						
	Pointing						
	Rooms.	4	9½	9½		361	
	Scullary.	1	10	6		60.	
			Total	Squrs			4-21.
	Stone Lintels & Slabs 4"						
	Doors	4	5	1½		30	
	Windows	4×2	5	1½		60	
		Total			Sft	—	90.
	Stone Sills 6"						
	Doors	4	5	2	"	40	
	Steps.	4	5	1¼	"	25	
		Total	Sft			65	6 Sq Ft
	Wood Battened with Frame						
	Doors	4	3	"	6	72.	
	Windows	4	3	"	4	48	
		Total.				120	Sft 120

General Abstract Estimate, ~~Continued~~. Carried forward. 135 — No 4

No. of It.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Lower storey				6250	
	Upper do				4150	
	Stair Case				450	
	Bay Window				320	
	Servants Stairs				130	
	Kitchen				1870	
			Grand Total		~~15~~	13170 — 1 —

Jt.

Hospital Cook rooms &c No 5

Abstract Estimate—*continued.*

136

No. of Item.	Description of work.	Quantity.	Unit.	Rate.	Per.	Amount.	Total Amount.	Remarks.
1	2	3	4	5	6	7	8	9
	Earthwork.			Cft	Cft	18		18
	Stone in Mortar found			" 6 " 1	Cft	383		383
	do Basement			" 2-6	Cft	170		170
	do Superstructure	5777		" 3 "	Cft	1083		1083
	Stone slabs 6"	130		" 2 "	Sft	76		76
	do 4"	203		" 1-9	Sft	22		22
	do 6"	86		" 2-6	Sft	13		13
	Teak Wood work	149			Cft	448		448
	do Battened	2		" 14 "	Sft	257		257
	~~do Partition~~							
	Coping over Scullery	49		" 3 "	Rft	9		9
	Roofing with M. tiles	19.55		24-8 "	Sqr	479		479
	Bengal terrace	7.80		18 " "	Sqr	140		140
	Earth filling	1198		" " 1	Cft	6		6
	Flooring with Tiles	11.92		15 " "	Sqr	179		179
	Plastering	53.10		2 8 "	Sqr	133		133
	Pointing			1-8 "	Sqr	41		41
	White washing	53.10		" 2 "	Sqr	7		7
	Finials.	2		3 " "	Each	4		4
	Wood ceiling	17.37		2 "	Sqr	35		35
	Asphalting 6"	706		" 1-6	Sft	66		66
	~~Stone Pillars~~	~~8~~						
	Color washing	27.50		" 4 "	Sqr	7		7
	Stone bottom	1.20		" 1-9				2
			~~Set~~	C.		3501		~~3521~~
								~~269~~
								~~3790~~
					Total		~~15~~	3618
	Contingencies @ 7½ %							272
					Grand Total		~~15~~	3890

for Hospl. Cook

Detail Estimate,—~~Continued.~~

137

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front & Rear wall	2	85	3	3	1530	✓
	Ends & Cross	✓ 9	10½	3	3	850	✓
	Screen walls long	✓ 2	13	3	1½	117	✓
	do short	✓ 6	7½	3	1½	203	✓
	Retaining wall	✓ 1	72	2	1	144	✓
	Pillasters	✓ 6	2¼	1½	3	61	✓
	Verandah ends	✓ 1	6½	3	3	59	✓
	Earth filling in at sides					452	
							3416 ✓
	Stone in Mortar						
	Filling in foundation						
	Front and Rear	✓ 2	84½	2½	3	1268	✓
	End & Cross	✓ 9	11	2½	3	743	✓
	Screen walls long	✓ 2	13	2⅝	1½	102	✓
	Verandah do short	✓ 3x2	7½	2⅝	1½	177	✓
	Retaining wall	✓ 1	72	1½	1	108	✓
	Verandah ends	✓ 1	7	2½	3	53	
	Total					2451	✓
	Stone in Mortar						
	Basement	✓ 2	84	2	1½	504	✓
	Front & Rear	✓ 9	11½	2	1½	311	✓
	End & Cross	✓					
	Screen walls long	✓ 2	13	1⅞	1	49	✓
	do Verandah ~~Ends~~	✓ 3	7½	1⅞	1	42	✓
	do Retaining wall	✓ 3	7½	1⅞	1½	63	✓
	Verandah ends	✓ 1	7½	1½	1½	17	
	Total					✓ 906	

138

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar						
	Superstructure.						
	Front & Rear.	2	83½	1½	12½	3131	✓
	End & Cross	9	12	1½	12½	2025	✓
	Scullary End wall	1	7½	1⅛	6	152	✗
	do Varand — Short	3	7½	1⅛	8¾	220	
	do do Long	2	13	1⅛	6	176	
	Verandah End	1	8	1½	8	96	
	Gables.	9	15	1½	3	608	
	Total					6409	
	Deduction						
	Doors Large						
	do small	11	3½	1½	6½	336	
	Windows	8	3½	1½	4½	189	
	Ventilators						
	Lintels of Doors	11	5	1½	⅓	28	
	do & sills of Windows	8×2	5	1½	⅓	40	
	do do Ventilators						
						632	5777
	Pointing with Mortar						
	Out side						
	Front & Rear	2	83½		12½	2088	
	Ends	2	15		12½	375	
	Gables	2	15		3	90	
	do ends	3	7½		8¾	197	
						2750	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering with two coats, Inside						
	Large Cook room. 12x12	1	48	—	12½	600	✓
	Servants Room 10x12	3	44	—	12½	1650	✓
	Nurses do 8x12	2	40	—	12½	1000	✓
	Store do 6x15	2	36	—	12½	900	✓
	Tokyo do 8x6	1	28	—	12½	350	✓
	Gables	9x2	15	—	3	810	✓
							5310
	Woodwork						
	Rafters. Main Room	2x35	11½	3"	5"	84	✓
	do Verandah	40	10	3"	5"	42	✓
	Wall plate of Verandah	1	83	3"	4"	7	✓
	do Main Room	2	83	3"	4"	13½	✓
	Ridge Piece	1	83	4"	6"	13½	✓
	Beamer	1	78	4"	8"	18	✓
							9
	I. Wood. Doors. Battened						
	Servants Room	11	3	—	6	195	✓
	Cook room						
	Windows	8	3	—	4	96	✓
	I.W. Venetian Shutters						
	Stone pillars for Verandah	6	11½	1¼	(½)	86	✓
	Stone slabs for bottom. Pillars	3/6	1½	2¼	(½)	20	✓

Detail Estimate,—*Continued.*

160

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone sills 6" thick					20	
	Doors.	11	5	2	(½)	110	130
			Total			130	
	Stone slabs of 4" thick						
	Sills & Lintels of Windows	2×8	5	1½	(⅓)	120	
	do Verandah						
	lintels of doors	11	5	1½	(⅓)	83	
							203
	Roofing with Mangalore tiles, including Teak Reepers.						
	Front and rear.	2	85	11½	-	1955	
	Bengal terracing.						
	Over Verandah	1	78	10		780	
	Wood oiling						
	Timber of Roof						
	Verandah Joists	40	10	-	1⅓	533	
	Rafters.	2×3	10	-	1⅓	933	
	B Summers	1	77	-	2	154	
	Ridge	1	70	-	1⅔	118	
	Earth filling in between						
	basement	1	11½	11½	1¼	165	
	S. Room	3	11½	9½	1¼	410	
	Verandah Room	2	11½	7½	1¼	216	
	do	2	11½	5½	1¼	158	
	do	1	7½	5½	1½	62	
	Cuddapa	2	17	5½	1	157	
				Total		cft	

Detail Estimate,—*Continued.*

141

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting						
	Over basement.						
	~~Front~~ & Rear.	2	84	2		336	
	End & Cross	9	11½	2		207	
	Screen. long	2	13	1⅞		49	
	short —	6	7½	1⅞		84	
	Verandah end	2	~~22~~ 7½	~~2~~ 2		30	
			Total			706	
	whitewashing						33.10
	Color washing						
	Flooring with tiles						
	Large room	1	11½	11½		132	
	Small	1	11½	9½		100	
	do	2	11½	7½		173	
	do	2	11½	5½		126	
	do	1	7½	5½		41	
	do	2	17	5½		187	
	Verandah	1	77	5½		424	
						1192	11.92
	Capping over Screen						
	wall long	2	20½	(1/4)	1	41	
	do short	1	7½	(1/4)	1	8	

142 No 6

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work, Conducting Hospital Cook + Servants Rooms

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front and Rear wall	2	85	3	3	1530	
	Cross and end	9	10½	3	3	850	
	Screen wall long	2	13	3	1½	117	
	do short	6	7½	3	1½	203	
	Retaining wall	1	72	2	1	144	
	Pillard	6	2¼	1½	3	61	
	Verandah end	1	6½	3	3	59	
	Earth filling in al sides					452	
			Total Earth work			cft.	3416.
	Stone in Morter						
	Filling in foundation						
	Front and Rear	2	84½	2½	3	1268	
	End and cross	9	14	2½	3	743	
	Screen walls long	2	13	2⅝	1½	102	
	Verandah do short	3X2	7½	2⅝	1½	177	
	Retaining wall	1	72	1½	1	108	
	Verandah ends	1	7	2½	3	53	
		—					
	Total					2451	2451.
	Stone in Morter						
	Basement	2	84	2	1½	504	
	Front and Rear	9	11½	2	1½	311	
	End and Cross						
	Screen walls long	2	13	1⅞	1	49	
	do Verandah End	3	7½	1⅞	1	42	
	Retaining wall	3	4½	1⅞	1½	63	
	Verandah ends	1	7½	1½	1½	17	
	Total					986	986.
	Stone in Morter						
	Superstructure						
	Front and Rear	2	83½	1½	12½	3131	
	Barrid Lever						

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Contents.
	Brought forward					3131	
	End and cross	9	12	1½	12½	2025	
	Scullery End wall	3	7½	1⅛	6	152	
	do Short	3	7½	1⅛	8¾	221	
	do Verandah short	2	13	1⅛	6	176	
	Verandah end	1	8	1½	8	96	
	Gables	9	15	1½	3	608	
	Total					6409	
	Deduction						
	Doors large						
	do small	11	3½	1½	6½	376	
	Windows	8	3½	1½	4½	189	
	Lintels of doors	14	5	1½	⅓	28	
	Sos and Sills of Windows	8X2	5	1½	⅓	40	
	Total					632	eff 5777
	Painting with Knotter						
	Out side						
	Front and Rear	2	83½	"	12½	2088	
	Ends	2	15	"	12½	375	
	Gable	2	15	"	13	390	
	do ends	3	7½	"	8¾	197	
	Total					2750	Sqr 27.50
	Plastering with Knotter inside						
	Cook room 12X12	1	48	"	12½	600	
	Servants room 10X12	3	44	"	12½	1650	
	Nurses do 8X12	2	40	"	12½	1000	
	Store do 6X12	2	36	"	12½	900	
	Lotys do 8X12	2	28	"	12½	350	
	Gables 9X2		15	"	3	810	
	Total					5310	Sqr 53.10

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Wood work						
	Rafters. Main Room	2X35	11½	3"	5"	84	
	do Verandah	40	10	3"	5"	42	
	Wall plates of Verandah	1	83	3"	4"	7	
	do Main Room	2	83	3"	4"	14	
	Ridge piece	1	83	4"	6"	14	
	Battenmers	1	78	4"	8"	18	
	Total					179	Cft 179
	T. wood. Doors. Battenmd						
	Servants Room						
	book room	11	3		6	198	
	Windows	8	3		4	96	
	Total					294	Sft 294
	Stone pillars of Verandah	6	11½	1¼	(½")	86	Sft 86
	Stone slabs for bottom Pillars	16	1½	2¼	(½")	20	Sft 20.
	Stone Slabs 6" thick					20	
	Doors	11	5	2	½	110	
	Total					130	Sft 130
	Stone slabs of 4" thick						
	Sills & Lintels of Windows	2X8	5	1½	(½")	120	
	Lintels of doors	11	5	1½	(½")	83	
	Total					203	Sft 203.
	Roofing with Mangalore tiles. Including teak Rafters						
	Front and rear	2	85	11½		19.55	Sqr 19.55

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Bengal terracing						Sqr
	Over Verandah	1	78	10		780	7.82
						782	7.82
	Woodoiling						
	Timbers of Roof						
	Verandah joists	40	10	"	1/3	533	
	Rafters	2X35	10	"	1/3	933	
	Beam over	1	77	"	2	154	
	Ridge	1	70	"	1/3	117	
							Sqr
	Total					17.37	17.37
	Earth filling in between						
	Basement	1	11 1/2	11 1/2	1/4	165	
	S. Room	3	11 1/2	9 1/2	1/4	410	
	do	2	11 1/2	9 1/2	1/4	216	
	do	2	11 1/2	5 1/2	1/4	158	
	do	1	7 1/2	5 1/2	1/2	82	
	do	2	17	5 1/2	1	187	
							Cft
	Total					Cft	1198
	Asphalting						
	Over basement						
	Front and rear	2	84	2	"	336	
	End and cross	9	11 1/2	2	"	207	
	Screen long	2	13	1 7/8		~~49~~	
	Short	6	7 1/2	1 7/8		84	
	Verandah end	2	7 1/2	2	-	30	Sft
	Total					706	706
	Whitewashing						5310
	Flooring with tiles						
	Largeroom	1	11 1/2	11 1/2	"	132	
	Small	1	11 1/2	9 1/2	-	109	
	do	2	11 1/2	7 1/2		173	
	do	2	11 1/2	5 1/2		126	
	do	1	7 1/2	5 1/2	-	41	
				barrieadover		581	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forwards					582	
	Flooring Verf	2	17	5½	"	187	
	Verandah	1	77	5½		424	
							Sqr.
	Total					1192	11.92
	Carpinjoer Service						
	Wall boxes	2	20½	(1¼)	1	41	
	do Short	1	7½	(1¼)	1	8	
							Rft.
	Total					49	49

Abstract Estimate, ~~Continued.~~

No. of Item	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	3416	---1	Ct	18	
	Stone in Mortar foundation	2451	--2-6	Cft	383	
	do Basement	986	--2-9	Cft	170	
	do Superstructure	5777	--3--	Cft	1083	
	Stone slabs 6"	130	--2--	Sft	16	
	do 4" thick	203	--1-9	Sft	22	
	do 6" pillars	86	--2-6	Sft	13	
	Teak wood work Kowny	179	2-8--	Sft	448	
	do Battenned	294	--14--	Sft	257	
	Coping over Sullary	49	--3--	Sft	9	
	Roofing with Mn. tiles	19.55	24-4--	Sqr	479	
	Bengal terrace	7.80	18----	Sqr	140	
	Earth filling	11.98	----1	Cft	6	
	Flooring with tiles	11.92	15----	Sqr	179	
	Plastering with Chunam	53.10	2-8--	Sqr	133	
	Pointing do	27.50	1-8--	Sqr	41	
	White washing	53.10	--2--	Sqr	7	
	Finials	2	2----	Each	4	
	Wood filing	17.37	2----	Sqr	35	
	Asphalting ½"	706	--1-6	Sft	66	
	Color washing	27.50	--4--	Sqr	7	
	Stone bottom slabs	20	--1-9	Sft	2	
			Total Rs		3618	
			Contingencies @ 7½%		272	
			Grand Total Rs			3890

Exd. by Executive Engineer R. E.

Destitute Patients Ward

Abstract Estimate,—~~Continued.~~ -147- No 6

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	2885	1		15	
	Stone in mortar. foundn	1955	2-6		306	
	do Basement	8514	2-9		1143	
	do Superstructure	3745	3		702	
	Pointing with Chunam.	24.94	1-8		42	
	Plastering do	24.44	28		65	
	Wood work	218	28		5745	
	Stone slabs 4"	30	0-1-9		3	
	do 6"	45	2		6	
	do 6" pillar	22	2-6		3	
	Roofing with M. tiles	16.2	24-8		2412	
	Bengal terrace	8.66	18		154	
	Flooring with tiles	10.40	15		186	2058
	Battened doors	1101	1-14		166	
	Wood oiling	22.62	2		46	
	Honey Comb work	1.50	15		22	
	Iron straps & stirrups	20	2		40	
	Concrete	18	2-6		3	
	White washing	17.25	2		2	
	Color do	8.82	4		2	
	Carving wood	—	Lump		5	
	Earth filling in	1287	1		7	
	Asphalting	562	1-6		90	
	Wood planting	13.50	3		244	
	Finial	2	3		6	
			Total Rs		3215	
			Contingencies @ 7½		245	
			G. Total Rs		3460	3460

3215 / 3

225.05

15.15

3215

Detached Patients Ward

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation.						
	Front & Rear walls	2	56	3	3	1008	
	End & Cross.	3	14½	3	3	392	
	Steps	2	7	2	½	14	
	Bathroom, front & Rear	2×2	20	3	3	720	
	do End & sides	2×2	4½	3	3	162	
	Rear Verandah	1	50½	2¼	1	114	
	Pillars	3	1½	2¼	3	[illegible]	
	Earth filling in at sides					1145	
						2885	2885
	Stone in mortar						
	Filling in foundation	2	55½	2½	3	685	
	Front & Rear.	3	15	2½	3	338	
	End & Cross.						
	Bathroom front & Rear	2×2	19½	2½	3	585	
	do End & sides	2×2	5	2½	3	150	
	Returns of Verandah	1	51	1¾	1	87	
						1995	
	Deduction						
	Sills of doors	4	5½	1½	½	17	
	do	4	5	1½	½	15	
	Steps in front.	2	12	½	½	6	
	Total Deduction						
	Total less deduction					38	1957
	Stone in Mortar						
	Basement.						
	Front & Rear	2	55	2	1½	330	
	End & cross	3	15½	2	1½	140	
	B. front & Rear	2×2	19½	2	1½	234	
	B. End & sides	2×2	5½	2	1½	66	
	Verandah returns	1	5½	1¼	1	64	
						834	
	Total.						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents:	Total Contents.
	Stone in Mortar.						
	Front & Rear	2	54½	1½	10	1635	
	End & Cross.	3	16	1½	10	720	
	B. Front & Rear	2×2	19	1½	10	1140	
	do — Side & End.	2×2	6	1½	10	360	
	Gable Total	3	19	1½	3	513	
						4368	
	Deduction.						
	Doors	4	4	1½	7	168	
	do	4	3½	1½	6½	137	
	Windows	2	4	1½	5	60	
	Lintels of doors	8	5½	1½	⅓	22	
	do & sills of Windows	2×2	5½	1½	⅓	11	
	Honey Comb Work.	4	6½	1½	3	117	
	do	4	4½	1½	4	108	
	Total					623	
	Total less deduction						3745
	Pointing with mortar including						
	Basement above ground.						
	Front & Rear.	2	54½	—	11½	1254	
	End walls.	2	19	—	11½	437	
	Batt. front & Rear	2×2	19	—	11½	874	
	do — Sides	2×2	9	—	11½	414	
	Gables	2	19	—	3½	133	
	Total.					3112	
	Deduction						
	Doors.	8	3	—	6	144	
	Windows	2	3	—	4	24	
	Honey Comb work	4	6½	—	3	78	
	do	4	4½	—	4	72	
						318	2794
	Plastering with Mortar						
	Inside of rooms or W.	2	82	—	10½	1722	
	Closet	2	42	—	10½	882	
						2604	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Woodwork						
	Wall plates	2	53½	3"	4"	9	
	Ridge Piece	1	53½	4"	6"	9	
	Purlins —	2	53½	4"	6"	18	
	King Post trusses	4	17½	4½	8	18	
	do — Struts.	2×4	7	4"	4½	7	
	do — King Post.	2×2	6⅔	4½	6"	5	
	Principal Rafters	2×4	13½	4½	6"	20	
	Brackets.	4×2	¾	4"	6"	1	
	Rafters.	4×13	15	3"	4	65	
	Bath + closet						
	Wall plates of ~~Bath + Closet~~	2×2	17½	3"	4	6	
	Joists.	2×11	7½	2½	5	14	
	Rear Verandah Wall plates	1	53½	3"	4"	4	
	do — B. Summers	1	53½	4"	8"	10	
	do — Rafters	34	10	2½	5	30	
						50	218
	Wood Doors. Battened						
	Door legs	4	3½	—	6½	91	
	do Sundl	4	3	—	6	72	
	Windows	2	3	—	4½	27	
	Total.	—	—	—	—	190	
	Stone slabs for lintels 4"						
	over Doors.	8	5	1½	⅓	20	
	Sills Windows.	2×2	5	1½	⅓	10	
						30	
	Stone slabs for Sills 6"						
	Doors.	8	5	2	½	40	
	1 Bottom Stone	3	2¼	1½	½	5	45
	Stone Pillars						
	of Verandah	3	11½	1½	½	22	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Honey Comb work						
	Batt + Closet	2×2	6½	—	3	78	
	do — on sill	2×2	4½	-	4	72	
			Total			150	
	Flooring with Square	-	-				
	tiles on concrete	2	24½	15½		760	
	Verandah	1	51½	6		309	
	Bath + Closet	2	15½	5½		171	
						1240	
	Hornay Wood Plankng	4	25	13	—	130	
	S.W. Finials	2			2	20 —	2
	Wood oiling timber						
	trues.	4	16		2	128	
	King Post.	4	5½		1¾	39	
	Struts —	4×2	6		1⅓	64	
	P. Rafter.	2×4	13	-	1⅓	173	
	Common rafter —	~~2×4~~ 4×13	13	-	1⅓	901	
	Purlins	2	50	-	1⅓	167	
	Ridge	1	50	-	1⅓	83	
	Rafters Verandah	34	10	-	1⅓	453	
	Bleamers of	1	51½	—	2	103	
	Batth Closet frists	2×11	6	—	1⅓	176	
	Brackets	4	3¼	-	1⅓	5	
			Total			2292	
	Roofing with Mangalore tile						
	Front + Rear	2	56	15	-	1680	1680
	Bengal terracing	1	51½	10	-	515	
	do	—	13	—		52	567

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting.						
	Basement & Superstructure,						
	front & Rear	2	55	2½		330	
	End & Cross	3	15½	3½		163	
	Both. front & Rear	2×2	19½	3½		546	
	do End & cross	2×2	6½	3½			
	Verandah	1	67½	1¼			
	Total						
	Concrete filling in formation of pillers	3	6	—	—	18	
	Whitewashing as per plastering inside					Sqr.	
	Colorwashing as per do Outside					Sqr.	
	Carving Woodwork		Lumpo	Sum		~~Rs.~~	5
	Earth filling in						
	Between basement						
	wards	2	24½	15½	1	760	
	Verandah	1	61	6	1	306	
	Bath & Closet	2	15½	5½	1	171	
	Iron straps & strips		Total			1237	
	For trusses	4×5				20	No. 20.

153 No 6

Civil and Military Station Municipality, Bangalore.

Abstract Estimate No. of

Work. Constructing Destitute Patients Ward

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	2895	1	cft	15	
	Stone in Mortar foundation	1957	2-6	cft	306	
	Do Basement	834	2-9	cft	143	
	Do Superstructure	3745	3	cft	702	
	Pointing with Chunam	27.94	1-8	Sqr	42	
	Plastering do	26.04	2-8	Sqr	65	
	A. Wood work	218	2-8	cft	545	
	Stone slabs 3"	30	1-9	Sft	3	
	Do 6"	45	2	Sft	6	
	Do 6" pillar	22	2-6	Sft	3	
	Roofing In. tiles	16.80	24-8	Sqr	412	
	Bengal terrace	8.57	18-0-0	Sqr	154	
	Flooring with tiles	12.40	15-0	Sqr	186	
	Battened doors	190	14	Sft	166	
	Wood ceiling	22.92	2	Sqr	46	
	Honey combwork	1.50	15-0	Sqr	22	
	Iron straps at Verandahs	20	2	Each	40	
	Concrete	18	2-6	cft	3	
	White washing	1722	2-8	Sqr	2	
	Color Do	8.82	4	Sqr	2	
	Carving wood		Lump sum		5	
	Earth filling in	12.37	1	Cft	7	
	Asphalting	962	1-6	Sft	90	
	Carried over				2965	

153

Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Brought forward.				2965	
	Wood planking	1300	3	Spc	244	
	Finial	2	3	Each	6	
	Total				3215	
	Contingencies @ 7½ %				245	
	Grand Total Rs.				3460	3460

Executive Engineer R. E.

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work Constructing Destitute Paticats Ward

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front and Rear walls	2	56	3	3	1008	
	End and cross	3	14½	3	3	392	
	Steps	2	7	2	½	14	
	Bath room front & rear	2X2	20	3	3	720	
	Do End & cross	2X2	4½	3	3	162	
	Rear Verandah	1	50½	2¼	1	114	
	Pillars	3	1½	2¼	3	30	
	Earth filling in at sides					445	
	Total					2885	2885
	Stone in morter						
	Filling in foundation	2	55½	2½	3	833	
	Front and Rear	3	15	2½	3	338	
	End and cross						
	Bath room front & rear	2X2	19½	2½	3	585	
	do End & sides	2X2	5	2½	3	150	
	Returens of Verandah	1	51	1¾	1	89	
	Total					1995	
	Deduction						
	Sills of Doors	4	5½	1½	½	17	
	do	4	5	1½	½	15	
	Steps in front	2	12	½	½	6	
	Total Deduction						
	Total less deduction					38	1957
	Stone in morter						
	Basement						
	Front and rear	2	55	2	½	330	

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forward					330	
	End cross	3	15½	2	1½	140	
	B. Front & Rear	2X2	19½	2	1½	234	
	B. End and Sides	2X2	5½	2	1½	66	
	Verandah returns	1	37½	1½	1	64	
	Total					834	
	Stone in Quarter						
	Front & Rear	2	54½	1½	10	1635	
	End & cross	3	16	1½	10	720	
	B. Front & Rear	2X2	19	1½	10	1140	
	do Side and end	2X2	6	1½	10	360	
	Gable	3	19	1½	3	513	
	Total					4368	
	Deduction						
	Doors	4	4	1½	7	168	
	do	4	3½	1½	6½	137	
	Windows	2	4	1½	5	60	
	Lintels of doors	8	5½	1½	⅓	22	
	Do & sills of windows	2X2	5½	1½	⅓	11	
	Stone cornice Work	4	6½	1½	3	117	
	do do	4	4½	1½	4½	108	
	Total					623	
	Total less deductions						3745
	Pointing with morter including Basement						
	Front and Rear	2	54½	-	11½	1254	
	End walls	2	19	-	11½	437	
	Bath. front & Rear	2X2	19		11½	874	
	do Sides	2X2	9	-	11½	414	
	Gables	2	19		3½	133	
	Total					3112	3112

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Deductions Brought forward					3 1/2	
	Doors	8	3	-	6	144	
	Windows	2	3	.	4	24	
	Honey comb work	4	6 1/2	-	3	78	
	Do	4	4 1/2	-	4	72	
						318	2794
	Plastering with mortar						
	Inside of rooms or W.	2	82	—	10 1/2	1722	
	Ceiling	2	42	-	10 1/2	882	
	Total					2604	2604
	Wood work						
	Wall plates	2	53 1/2	3"	4"	9	
	Ridge piece	1	53 1/2	4"	6"	19	
	Purlins	2	53 1/2	4"	6"	18	
	King post truss	1	17 1/2	4 1/2	8"	18	
	Do Struts	2X4	7	4"	4 1/2	7	
	do King post	2X2	6 2/3	4 1/2	6"	5	
	Principle Rafter	2X4	13 1/2	4 1/2	6"	20	
	Rafters	4X3	16	3"	4"	65	
	Brackets	4X2	3/4	4"	6"	1	
	Wall plates	2X2	17 1/2	3"	4"	6	
	Joists	2 X 11	4 1/2	2 1/2	5"	14	
	Rear Verandah Wall plates	1	53 1/2	3"	4"	4	
	do B. Summers	1	53 1/2	4"	8"	12	
	do Rafters	34	10	2 1/2	5"	30	
	Total					218	218
	7 Wood doors Battenned						
	Door Large	4	3 1/2	-	6 1/2	91	
	Do Small	4	3	.	6	72	
	Windows	2	3	.	4 1/2	27	
	Total					190	190
	Stone slabs for lintels 6"						
	Over doors	8	5	2	1/2	40	
	Bottom Stones	3	2 1/4	1 1/2	1/2	5	45
	Stone pillars of Verandah	3	11 1/2	1 1/4	1/2	22	22

157

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Honey Comb work						
	Bath & Closet	2X2	6 1/2	"	3	78	
	—do— small	2X2	4 1/2	"	4	72	
	Total					150 Sft	1.50
	Flooring with Square tiles on Concrete	2	24 1/2	15 1/2	"	760	
	Verandah	1	51 1/2	6	"	309	
	Bath & Closet	2	15 1/2	5 1/2	"	171	
	Total Squares					12.40	12.40
	Honeywood Hankings	4	25	13	"	1300 Sft	1300
	I.W. Finials	2			2	2	2
	Wood ceiling timber						
	Truss	4	16		2	128	
	King post	4	5 1/2		1 3/4	39	
	Struts	4X2	6		1 1/3	64	
	P. Rafter	2X4	13	"	1 2/3	173	
	Common rafter	4X13	13	"	1 1/3	901	
	Purlins	2	50	"	2 2/3	167	
	Ridge	1	50	"	1 2/3	43	
	Rafters Verandah	34	10	"	1 1/3	453	
	B Summer	1	61 1/2	"	2	103	
	Bath closal Joists	2X11	6		1 1/3	176	
	Bracket	4	3/4		1 2/3	5	
	Total					2292 Sft	22.92
	Roofing with Mangalore tiles Front & Rear	2	56	15	"	16.80 Sft	16.80
	Bengal terracing	1	51 1/2	10	"	515	
	—do—	2	19	9	"	342 Sft	85-7

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting						
	Basement & Superstructure						
	Front and Rear	2	55	3½		385	
	End and cross	3	15½	3½		163	
	Bath. Front and Rear	2X2	19½	3½		273	
	Do End & cross	2X2	5½	3½		77	
	Verandah	1	51½	1¼		64	
	Total					962	Sft 962
	Concrete filling in						
	Foundations & Pillars	3	6			18	Sft 18
	White washing as per plastering inside	Sqr 3					Sqr 17·22
	Color washing do. Latrin					Sqr	8·82
	Carving wood work	Lump Sum				Rs	5—
	Earth filling in						
	Between Basement						
	Wards	2	24½	15½	1	760	
	Verandah	1	51	6	1	306	
	Bath and Closet	2	15½	5½	1	171	
	Total					1237	Cft 1237
	Iron straps and stirrups for Trusses	4X5				20	20
	Stone Slabs for lintels 4" over doors	8	5	1½	⅓	20	
	Sills Windows	2X2	5	1½	⅓	10	
						30	30

Laundry + P. M Rooms.

Detail Estimate,—~~Continued~~. including Servants Latrine.

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front + Rear walls	2	49	3	3	882	
	End + Cross walls	4	10½	3	3	378	
	do Latrine	1	9¼	3	3	84	
	Screen walls of do	1	5	2¾	2	28	
	Steps	3	4	2	½	12	
	Earth filling in at sides					237	
			Total Earthwork			cft	1621
	Stone in chunam						
	Filling in foundation						
	Front + Rear walls	2	48½	2½	3	713	
	End + Cross	4	11	2½	3	330	
	do Latrine	1	9¼	2½	3	69	
	Screen wall of do	1	5	2¼	2	23	
			Total			1135 cft	1135
	Basement						
	Front + Rear	2	48	2	1½	294	
	End + cross	4	11½	2	1½	138	
	do Latrine	1	9¼	2	1½	27	
	Screen do	1	5	1¾	1½	13	
			Total			472	
	Deduction						
	Sills of doors	3	5	2	½	15	
	Step stones	3	5	½	½	3	
				Total ded.		18	
		Net less deduction				cft	454
	Stone in chunam						
	Superstructure						
	Front + Rear walls	2	47½	1½	10	1425	
	End + Cross do	4	12	1½	10	720	
	do Latrine	1	9¼	1½	8	111	
	Screen do	1	5	1¼	7	43	
	Gables	4	15	1½	3	270	
			Total			cft	2569

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forward					2569	
	Deduction						
	Doors	3	3½	1½	6½	102	
	Windows	1	3½	1½	4½	23	
	Venticlators	3	3½	1½	1½	23	
	Sills & lintels of W. & V.	4×2	5	1½	⅓	20	
	Sills & lintels of Doors	3×8	5	1½	⅓	8	
				Total deduct.		176	cft
	less Total deduction			cft			2393
	Pointing with Mortar						
	All around	1	125	—	12	1500	
	Gables	2	15	—	3	90	
				Total		Sqr	1590
	Concrete						
	Foundation for steps	3	8	2	½	24	cft 24
	Plastering with Mortar						
	Inside of P. M. Room	1	48	—	10	480	
	do Laundry & Cottn Rm	2	44	—	10	880	
	do Latrines	1	40	—	10	400	
	Gables	6	12	—	3	216	
				Total		1976	
	Deduction						
	Doors	3	3	—	6	54	
	Windows	1	3	—	4	12	
				Total deduct.		66	Sqr.
	Total less deduction					Sqr	1910
	Woodwork						
	Wall plates	2	38	3"	4"	6	
	Rafters	2×9	10½	2½	5"	31	
	Ridge pieces	1	38	4"	6"	6	
	Purlins	2	38	4"	6"	13	
	wall plates of latrines	2	15	3"	4"	3	
	Joists	8	10½	2½	5"	7	
				Total W. work		66	cft 66

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Stone slabs 4" thick						
	Sills & Lintels of W & Ventilators	6	5	1½	(⅓)	45	
	Lintels of doors	4	5	1½	(⅓)	30	
				Total		Sft	75
	Stone slabs 6" thick						
	Sills of doors	3	5	2	(½)	30	
	Slabs	3×3	4	1¼	(½)	45	
				Total		Sft	75
	S.W. Battened						
	Doors	3	3½		6½	68	
	Windows	1	3½		4½	15	
	Ventilators	2	3½		1½	10	
				Total		93	Sft 93
	White washing over inside plastering					Syr	15·76
	Color washing outside pointing					Syr	4·00
	Wood oiling						
	Rafters	2×3"	9		L	684	
	Purlins	3	38		1⅓	190	
	Ridge piece						
	Joists	8	9		1	72	
				Total		Syr	946
	Earth fillings in between Basement						
	P.M. Room	1	11½	11½	1	132	
	Laundry & Other Room	2	11½	9½	1	219	
	Latrine	1	7½	7½	1	56	
				Total		407	Cft 407
	Roofing with Mangalore tiles including rafters &c.						
	Over Rooms	2	39	10		780	
	Latrine	1	13	9		117	
				Total		Sqre	8·97

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Flooring tile on a bed of						
	4" Concrete						
	P. M. Room	1	11½	11½	–	132	
	Other Rooms	2	11½	9½	–	218	
	Cabinet	1	7½	7½	–	56	
					Total Sqs		406
	Asphalting						
	Front & Rear	2	48	2	–	192	
	Cross wall	4	11½	2	–	92	
	Cabinet wall	1	9¼	2	–	18½	
	do Screen	1	5	1¾	–	9	Sft
					Total Sft		311

No. 7

Laundry & P.W. Rooms inclu

Abstract Estimate,—~~Continued~~. Ladvine

No. Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount
1	2	3	4	5	6	7
	Earth work	1621	" — " — 1	Cft	8	
	Stone in Mortar foundation	1135	" — 2 — 6	Cft	177	
	——do—— Basement	454	" — 2 — 9	Cft	78	
	——do—— Superstruct	2393	" — 3 — "	Cft	449	
	Pointing with Mortar	15·90	1 — 8 — "	Sqr	24	
	Plastering do	19·10	2 — 8 — "	Sqr	48	
	Stone slabs 6"	75	" — 2 — "	Sft	9	
	——do—— 4"	75	" — 1 — 9	Sft	8	
	White washing	19:10	" — 2 — "	Sqr	2	
	Color —— do	15·90	" — 4 — "	Sqr	4	
	T.W. Battened	93	" — 14 — "	Sft	81	
	H. wood work	66	2 — 8 — "	Cft	165	
	Finials	2	2 — " — "	Each	4	
	Wood oiling	946	2 — " — "	Sqr	19	
	Roofing with M. Tiles	8·97	24 — 8 — "	Sqr	220	
	Flooring do do	4·06	15 — " — "	Sqr	61	
	Earth filling in	407	" — " — 1	Cft	2	
	Asphalting ½"	311	" — 2 — "	Sft	40	
	Concrete	24	" — 2 — 0	Cft	3	
				Total Rs	1402	
			Contingencies @ 7½ %		108	
				Grand Total Rs.		1510

* Dated at Bangalore

Total Estimate Rs... 1510

Overseer.

Executive Engineer.

165 Lamdy. P. Mo. Room & Servants latrine

Detail Estimate, ~~Continued.~~

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front + Rear Wall	2	49	3	3	882	
	End + Cross walls	4	10½	3	3	378	
	do Latrine	1	9¼	3	3	84	
	Screen Wall of do	1	5	2¾	2	28	
	Steps do	½	4	2	½	4	
	Earthfilling in at sides					257	
	Total					1372	
2	Stone in Chunam						
	Filling in foundation						
	Front + Rear walls.	2	48½	2½	3	713	
	End + Cross	24	11	2½	3	330	
	do of Latrine	1	9¼	2½	3	69	
	Screen wall of do Small	1	~~5~~	2¼	2	23	
	do Large						
	Total.					1135	
	Basement						
	Front + Rear	2	49	2	1½	294	
	End + Cross	4	11½	2	1½	138	
	Do Latrine	1	9¼	2	1½	27	
	Screen do	1	5	13/4	1½	13	
	do Large						
	Total.					472	
	Deduction						
	Sills of doors	3	5	2	½	15	
	Step above.	3	5	½	½	4½	
	Total deduction					19½	
	Total less deduction eft.						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Ebonnie Chanam, Superstructure						
	Front & Rear walls.	2	47½	1½	10	1425	
	End and Cross wall	4	12	1½	10	720	
	do- Latrine	1	9¼	1½	8	111	
	Screen Wall —do—	1	5	1¼	7	43	
	~~do~~ ~~large~~.						
	Gables.	4	15	1½	3	270	
	Total					2569	
	Deduction						
	Doors.	3	3½	1½	6½	102	
	Windows	1	3½	1½	4½	23	
	Ventilators.	3	3½	1½	1½	23	
	Sills & lintels of W. & V.	4×2	5	1½	⅓	20	
	lintels of doors.	3	5	1½	⅓	8	
	Total deduction					176	2393
	Total less deduction						
	Pointing with mortar						
	~~basement~~ + wall all round	2	47½	—	10	950	15.90
	do — sides	2	15	-	10	300	
	Concrete. d. Gables	2	15	-	3	90	
	~~Foundation~~	3	8	-	½		
	Plastering with mortar.						
	~~In~~ Out side. ~~Front~~ Room	1	48	10	~~[illegible]~~		
	do	~~2~~	~~44~~	~~10~~	~~[illegible]~~		
	Sides & Ends.			10	12½		
	Gables.	1	~~40~~	10	~~[illegible]~~		
	Inside Back Room	1	48	10		480	
	Washing & other	2	44	10		880	
	Latrine	1	40	10		400	
	~~Screen~~						
	Gables	6	12	-	3	216	
	Total						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought Forward						
	Deduction						
	Doors	3	3	—	6	54	
	Windows	1	3	—	4	12	
	Total deduction					66	
	Total less deduction						
	Woodwork.						
	Wall plates	2	~~44~~ 38	3"	4"		
	Rafters	2x19	10½	3½	5	31	
	Ridge	1	38	4"	6"	15	
	Purlin	2	38	4"	6"	13	
	Wall plates of Lobby	2	15	3"	4"	3	
	Joists	8	16½	3½	5	7	
			Total			96	
	Stone slabs 4" thick						
	Sills and lintels of W & V.	3x2	5	1½	(⅓)	15	
	Lintels of doors	4	5	1½	(⅓)	30	
	Stone slabs 6" thick						
	Sills of doors	3	5	2	(½)	38 Sft	31
	Steps	3x3	4	1¼	—	155 Sft	45
			Total				
	Battened doors &c.						
	Doors	3	3½	—	6½	68	
	Windows	1	3½	—	4½	15	
	Ventilators	2	3½	—	1½	10	
	White washing					15.76	
	Color washing					4.00	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Wood oiling						
	Rafters	2	38 9	-	1	684	
	Purlins	3	38	-	1⅓	190	
	Ridge Pole	3					
	Joists	8	9	-	1	72	
	Total					946	
	Earth filling in						
	Between Basement	1	11½	11½	1	132	
		2	11½	9½	1		
		1	7½	7½	1	56	
	Flooring with tiles						
	P. In Room	1	11½	11½		132	
	Other Rooms	2	11½	9½		218	
	Lat	1	7½	7½		56	
	Roofing with M[illegible]						
	tiles	2	39	10		780	
	Lat[illegible]	1	13	9		117	
	Asphalting.						
	Front + Rear	2	48½	2		192	
	Cross	4	11½	2		92	
	Lat	1	9¼	2		18	
		1	5	1¾		9	
	Total					311	
						155	

Laundry & P. M. Room — No 7

168 Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1629	" -1	Cft	8	
	Stone in Mortar found	1135	" -2-6	Cft	1177	
	do Basement	454	" -2	Cft	98	
	do Superstruc	2393	" -3	Cft	449	
	Slabs 6"	38	" -2	Sft	9	
	do 4"	15	" -1	Sft	8	
	Pointing with Mortar	15.90	1-8	Sqr	24	
	Plastering do	19.10	2 8	Sqr	48	
	White washing	1.00	" -2	Sqr	2	
	Color do	4.00	" -4	Sqr	4	
	Door & Window Batt.	93	" -14	Sft	81	
	Hamay work	66	2 -8	Cft	165	
	Finials	2	2 "	Each	4	
	Wood oiling	9.46	2 "	Sqr	19	
	Roofing with M. tiles	18.97	24-8	Sqr	220	
	Flooring with tiles	4.06	15 "	Sqr	61	
	Earth filling in	427	" -1	Cft	2	
	~~Steps table for Step~~	46	2-6	Sft	7	
	~~Hamay Cub Work~~		" -1	Sqr	10	
	Asphalting	466	" -1-6	Sft	44	
	Concrete S	24	" -2-6	Cft	3	
	Total				~~1161~~	1402
	Contingencies @				106	108
	Grand Total					1510

Maternity

Abstract Estimate,—~~Continued.~~

No. Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total mount.
1	2	3	4	5	6	7
	Earth work.					
	Stone Cut Brick Foundation					
	do to Basement					
	B. Brick in Mortar					
	Plastering do					
	Limbing do					
	Honey Comb work					
	Concrete					
	Hymay wood work					
	Slab stones &c					

Civil and Military Station Municipality, Bangalore.

Abstract Estimate No. 178 of

Work Contending Mortuary

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth Work	2047	" -1	C.ft	11	
	Stone in Mortar foundation	1148	" -2-6	C.ft	226	
	do Basement	539	" -2-9	"	93	
	do Superstructure	2870	" -3-"	"	538	
	Stone Slabs 4"	83	" -1-9	S.ft.	9	
	do 6"	66	" -2-"	"	8	
	Plastering with chunam	10.14	2-8-"	"	28	
	Pointing with chunam	23.16	1-8-"	"	35	
	White Washing	16.56	" -2-"	"	2	
	Color do	9.18	" -1-"	"	2	
	Doors & W Battened	169	" -1-4	"	148	
	Mommary Wood	122	2-8-"	C.ft	300	
	Finials	2	3-"	No.	6	
	Wood oiling	10.62	2-"	Sqr	21	
	Roofing with M. Tiles	14.71	24-8	Sqr	360	
	Flooring with Tiles	5.87	15-"	Sqr	88	
	Earth filling in	587	" -1	Cft	3	
	Stone Slabs for Pillars	26	" -2-6	Sft	4	
	Honey Comb Work	2.13	15-"	Sqr	32	
	Stone Slabs for Steps	53	" -2-"	Sft	7	
	Asphalting	388	" -1-6	Sft	36	
	Concrete Foundation	36	" -2-6	Cft	6	
		Total Rupees			1965	
	Contingencies at 7½ P.C.				145	
	Grand Total				2110	

Asst. Engineer
Bangalore R.C.

No 5

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work Constructing Drain — 171

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation —						
	Longl wall	3	43½	3	3	1176	
	End and cross	4	10½	3	3	378	
	do	4	4½	3	3	162	
	Pillars	2	2¼	1½	3	20	
	Steps	3	10	3	½	45	
	Earth filling in at sides					267	
	Total Excavation					2047	2047
	Stone in chunam						
	Filling in foundations						
	Longitudunal walls	3	43	2½	3	966	
	End and cross	4	11	2½	3	330	
	do. of Verandah	4	5	2½	3	150	
	Total					1448	1448
	do Basement						
	Longl wall	3	42½	2	1½	383	
	End and cross	4	11½	2	1½	138	
	do Verandah	4	5½	1⅞	1½	62	
	Total					583	

172

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Deductions						
	Sills of doors	6	5½	2	½	33	
	Slab stone	3	1/4	½	½	11	
				Total do		44	
				Total less deductions			539
	Burnt stone in morter						
	Superstructure						
	Front and Rear walls	3	42	1½	11	2079	
	End and cross walls	4	12	1½	11	792	
	Gables	4	15	1½	3/4	293	
	Verandah cross and end	4	6	1/8	8	216	
				Total		3380	
	Deductions						
	Doors	6	4	1½	7	252	
	Windows	2	4	1½	5	45	
	Honey Comb w	3	10½	1½	4½	213	
				Total deductions		510	2970
	Total less deductions						
	Stone slabs 4" thick						
	Less Sills of doors	6	5½	2½	½	66	
	& Sills of Windows	2X2	5½	1½	1/3	33	
						83	

Detail Estimate,—*Continued.* 173

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone slabs 6 thick						
	Sills of Doors	6	5½	2	½	66	66
	Flooring with tile on a						
	bed of Concrete						
	Rooms	3	11½	11½		397	
	Verandah	3	11½	5½		190	
						587	587
	Earth filling in between						
	Basement Rooms	3	11½	11½	1	397	
	do - Baths	3	11½	5½	1	190	
						587	587
	Concrete Foundations to						
	Steps	3	8	2	½	24	
	Pillars	2	6			12	
				Total		36	36
	Painting						
	~~Plastering~~ with Chunam						
	Insides of Rooms	3	48	-	11½	1656	
	do Verandah	3	36	-	8½	918	
	Total					2574	2574
	Deduction						
	Doors	6	3	-	6	108	
	Windows	2	3		4	24	
	Honey comb work	3	10½	-	4	126	
	Total					258	Sqr 23.16
	Plastering						
	~~Coaster~~ with morter						
	outside - Front & Rear	2	42	-	11	924	
	End	2	15	-	3	90	
			Total			1014	1014
	Honey wood Wrought						
	& Put up						
	Wall plate Verandah	1	11	3"	4"	1	
	Verandah Rafters	8	10	2½	5"	5	
				Carried over			

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
						6	
	Brought forward						
	V. do — Brassmmera	1	11	4"	8"	2	
	Wall plates for B	2	42	3"	4"	7	
	Ridge piece	1	42	4"	6"	7	
	Rafters	2X24	10½	2½"	5"	99	
	Rear Verandah Rafters	24	16	2½	5"	121	
			Total			122	122
	Roof Covering with Mangalore tiles including ridge & Chunnam to Gables & complete						
	Main Room	2	43	11	"	946	
	Rear Verandah	1	42	10	"	420	
	Verandah in front	1	11	9½	"	105	
			Total			1471	1471
	Wood. Battened Doors	6	3½	"	6½	137	
	Windows	2	3½	"	4½	32	
			Total			169	169
	Wood oiling						
	Rafter Verandah	3	9	"	1¼	90	
	Do Main building	2X24	8	"	1¼	480	
	Ridge piece	1	36	"	1¼	60	
	Rafters. R. Ver	2X24	9	"	1	432	
			Total			1062	1062
	Stone slabs for ~~coping~~ pillars ~~flooring~~	2	11½	1¼		26	Sft 26
	~~Special Wards of~~ Stone slabs for Strips	3	14	1¼	"	53	Sft 53
	Asphalting						
	Front & rear walls	3	42½	2	"	255	
	Cross & End	4	11½	2	"	92	
	Front & Rear	3	5½	1⅞	"	41	
			Total			388	388

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Honey Comb Work	3	10½	—	4½	213 Sqr	213
	Finials	2				2	2
	White washing Inside					16.56 Sqr	16.56
	Color washing out side					9.18 Sqr	9.18

Constructing Railway.

Detail Estimate,—~~Continued.~~

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Longl wall.	3	43½	3	3	1175	
	End and Cross—	4	10½	3	3	378	
	Pillars do	4	4½	3	3	162	
		2	2¼	1½	3	20	
	Steps.	~~3~~	10	3	½	45	
	Earth filling in Sides—					267	
	Total Excavation					2047	2047
	Stone in Masonry						
	Filling in foundation						
	Longitudinal walls.	3	43	2½	3	968	
	End and Cross—	4	11	2½	3	330	
	do of Veranda	4	5	2½	3	150	
	Total—					1448	1448
	Do Basement.						
	Longl wall—	3	42½	2	1½	383	
	End & Cross.—	4	11½	2	1½	138	
	do Verandah—	4	5½	1⅞	1½	62	
	Total					583	
	Deduction						
	Sills of doors—	6	5½	2	½	33	
	Steps Sides—	~~3~~	~~5¼~~	~~1¼~~	½	11	
	Total do					44	
	Total less deduction						539

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Burnt Stone in mortar						
	Superstructure.						
	Front and Rear walls	3	42	1½	11	2079	
	End and Cross walls	4	12	1½	11	792	
	Gables	4	15	1½	3¼	293	
	Verandah Cross + End	4	6	1⅛	8	216	
			Total			3380	
	Deduction						
	Doors	6	4	1½	7	252	
	Windows	2	4	1½	5	90	
	Honey Combs	3	10½	1½	4½	213	
			Total deductions			510	2870
	Total less deductions						
	Stone slabs 4" thick						
	Lintels of doors	6	5½	1½	(⅓)	56	
	+ Sills of Windows	2×2	5½	1½	(⅓)	33	
						89	
	Stone slabs 6 thick.						
	Sills of doors	6	5½	~~2~~	(½)	66	
	Flooring with tile on a bed of concrete.						
	Rooms.	3	11½	11½		397	
	Verandahs	3	11½	5½		190	
						587	
	Earth filling in trenches						
	Basement. Rooms	3	11½	11½	1	397	
	" Bath	3	11½	5½	1	90	

Detail Estimate,—*Continued.*

DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
Concrete foundation to						
Steps	3	8	2	½	24	
Pillars	2	6	—	—	12	
Plastering with Sirmans						
Outside Longitudinal						
Inside of Rooms	3	48	—	11½	165	
— do Verandah	3	36	—	8½	918	
Total					2574	
Deduction						
Doors	6	3	—	6	108	
Windows	2	3	—	4	24	
Honey Comb Work	3	10½	—	4	126	
Total					258	241
Total less deduction						
Pointing with Mortar.						
Outside — Front & Rear	2	42	—	11	924	
Ends	2	15	—	3	90	
Total					1014	101
Harmony Wood Reduced &						
finished up.						
Wall plate — Verandah	1	11	3"	4"	1	
Verandah Rafters	6	10	2½"	5"	5	
do — Purlin	1	11	4"	8"	2	
Wall plate for Mr B.	2	42	3"	4"	7	
Ridge Piece	1	42	4"	6"	7	
Rafters	2×24	10½	2½"	5"	79	
Rim Verandah Rafters	24	10	2½"	5"	21	
Total					122	

180

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	To Con
	Roof Covering with Mangalore tiles including ridge & chinnam borders &c Complete						
	Main Range	2	43	11	-	946	
	Rear Verandah	2	42	10	-	420	
	Verandah in front	1	11	9½		104	
			Total			1471	
	J. Wood, Battened						
	Doors	6	3½	-	6½	137	
	Windows	2	3½	-	4½	32	
			Total			169	
	Wood ailing						
	Rafters Verandah	8	9	-	1¼	90	
	Do Main building	2×24	8	-	1¼	480	
	Ridge piece	1	36	-	1⅓	60	
	Rafters R. Ver:	2×24	9	-	1	432	
						1062	12·63
	Iron Plates for Old Pillars	2	11½	1½		26	
	Iron Plates for Posts	3	14	1½	-	53	
	Asphalting						
	F. & Rear walls	3	42½	2	-	255	
	Asph. Cistern End	4	11½	2	-	92	
	Front & Rear	24	5½	1⅞	-	41	
					Total		388

Mortuary

Abstract Estimate,—~~Continued~~ 181 No 8

of n.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1		3	4	5	6	7
	Earth work	2047	" — 1	Cft.	10	
	Stone in Under foundation	1418	" — 2 0	Cft.	226	
	do — Basement	539	" — 2 -	Cft.	93	
	do — Superstructure	2870	" 3 -	Cft.	538	
	Stone slabs 4"	83	" — 1 - 9	Sft.	9	
	do — 6"	66	" — 2 -	Sft.	8	
	Pointing with Cement	22.16	1 — 8 -	Sqr.	335	
	Plastering do	10.11	2 — 8 -	Sqr.	25	
	White washing	16.56	" — 2 0	Sqr.	2	
	Color do	9.18	" — 4 -	Sqr.	2	
	Door & W. Battened	169	" — 14 -	Sft.	14	
	Norman wood —	122	2 — 8 -	Cft.	30 — 7	120
	Finials —	2	3 — " —	No.	6	
	Wood oiling	16.62	2 — " —	Sqr.	27	
	Roofing with M. tiles	14.71	24 — 8 -	Sqr.	360	
	Flooring with tiles	5.87	15 — " —	Sqr.	88	
	Earth filling in	587	" — " — 1	Cft.	3	
	Stone slabs for Pillars	26	" — 2 — 6	Sft.	4	
	Honey comb work	213	15 — " —	Sqr.	32	
	Stone slabs for steps —	53	1 — 2 -	Cft.	7	
	Asphalting —	388	" — 1 — 6	Sft.	36	
	Concrete foundation	36	" — 2 — 6	Cft.	6	
				Total		1965
				Contingencies — 7½ %		145
				Grand Total		2110

At

No 9

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of 182

Work Compound wall &.

No. of Item.	PARTICULARS.	Measurement. No.	L.	B.	D.	Contents.	Total Contents,
	Earth work						
	Excavation of foundation						
	Southern	1	250	2½	3	1875	
	Eastern	1	720	2½	3	5400	
	Northern	1	150	2½	3	1125	
	Pillars	2×75	2¼	½	3	506	
	Earth filling in at sides					—	
					Total earth work	cft	8906
	Stone in morter						
	Filling in foundation						
	Southern	1	250	2	3	1500	
	Eastern	1	720	2	3	4320	
	Northern	1	150	2	3	900	
	Pillars	2×75	2	¼	3	225	
					Total Stone in morter	cft	6945
	Stone in morter						
	Basement						
	Southern	1	250	1½	2	750	
	Eastern	1	720	1½	2	2160	
	Northern	1	150	1½	2	450	
	Pillars	2×75	1¾	¼	2	131	
					Total Stone in morter	cft	3491
	Brick in morter						cft
	Pillars	75	1½	1½	3½	591	591
	Brick in morter Honey Comb Work						
	Southern	1	250	—	3½	875	
	Eastern	1	720	—	3½	2520	
	Northern	1	150	—	3½	520	
					Total Honey comb work		3915

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brick in mortar Honey Comb work		Brought forward			3915	
	Deduction Pillars	75	1½	1½	3½	591	
							Sqr
			Balance H C work Sqr				33·24
	Coping over Compo wall						
	Southern	1	250			250	
	Eastern	1	720			720	
	Northern	1	150			150	Rft.
			Total Coping Rft				1120
	Pointing with mortar						
	Basement						
	Southern	2	250		2	1000	
	Eastern	2	720		2	2880	
	Northern	2	150		2	600	Sqr
			Total Pointing Sqr				44·80
	White washing						
	Pillars	2×75	2	—	6½	1950	
	Coping	1	1120	—	3	3360	Sqr
			Total W washing Sqr				53·10
	Color washing						Sqr
	Honey Comb work	2	1220	—	6½	158·60	158·60
			Deduct W washing				
			Balance Color wash Sqr				

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Covered way						
	Earthwork Excavation						
	Pillars	2×6	2½	1½	3	122	cft 122
	Stone slabs 6"						
	Bottom stones of Pillars	2×6	2¼	1½	(½)	41	cft 41
	Stone slabs 6"						
	Pillars	2×6	1½	1¼	(½)	173	cft 173
	Verandah Woodwork						
	Summers, including allowance	2	75	4"	8"	33	
	Joists	46	10	2½	5"	40	cft 73
	Bengal terracing	2	70	10	-	14·00	Sqr 14·
	Wood oiling						
	Summer	2	75	—	2	300	
	Joists	46	10	-	1	460	Sqr 7·60
	Earth filling in inclosure Basement	not necessary					
	Gravelling the floor	2	70	5	¾	525	cft 525
	Concrete						
	Filling in for foundation of Pillars	12	6	—	—	72	cft 72

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Gate Lodge						
	Earthwork						
	Excavation						
	Front & Rear	2	12½	3	2½	188	
	End walls	2	8½	3	2½	128	
	Return	1	14½	2¼	1	33	
	do sides	2	5½	2¼	1	25	
			Total E Work cft				374
	Stone in Mortar						
	Filling in foundation						
	Front & Rear walls	2	12	2½	2½	150	
	End walls	2	9	2½	2½	113	
	Return front	1	14	1¾	1	25	
	do sides	2	6	1¾	1	21	
				Total		cft	309
	Stone in Mortar						
	Basement						
	Front & Rear	2	11½	2	1½	69	
	Ends	2	9½	2	1½	57	
	Return	1	13½	1¼	1	17	
	do sides	2	6½	1¼	1	16	
				Total		cft	159
	Stone in Mortar						
	Superstructure						
	Front & Rear	2	11	1½	10	330	
	Ends	2	10	1½	10	300	
	Gables	2	13	1½	2¾	107	
			Carried down				737

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Mortar 1 Co.						
	Brought forward				cft	737	
	Deduction.						
	Doors	1	3	1½	6	27	
	Windows	2	3	1½	4	36	
	Lintels of doors	1	4½	1½	⅓	2	
	do & Sills of Windows	2×2	4½	1½	⅓	9	
				Total		74	
			Total less deduction			cft	663.
	Painting outside						
	Front & Rear	2	11	—	11½	253	
	Ends including Gable	2	13	—	11½	299	
	Returns Sides	2	7½	—	1½	23	
				Total		cft	575.
	Earth filling in between						
	Basement	1	9½	7½	1	70	cft 70.
	Plastering with Mortar						
	Inside of Rooms	1	36	—	11½	414	
	Gable	2	10	—	3	60	
				Total		Sqr	474.
	Wood work						
	Rafters	2×8	7½	2½	5	10	
	Wall plate	2	11	3"	4"	2	
	Ridge piece	1	11	4"	6"	2	
	Purlins	2	11	4"	6"	4	
	Summer	1	11	4"	6"	2	
	do Rafters	8	10	2½	5	7	
	do Wall plate	1	11	3"	4"	1	
				Total		cft	28
	Wood Battened						
	Door	1	3	—	6	18	
	Windows	3	3		4	36	
				Total		Sft	54

187

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting over Basement						
	Front & Rear walls	2	11½	2	-	46	
	Sides	2	9½	2	-	38	
	Verandah	1	11½	1¼	-	14	
				Total		Sft	98
	Roof Covering over with Mangalore tiles						
	Front & Rear	2	11½	7½	-	173	
	Verandah	1	11½	10	-	115	
				Total		Sft	288
	Wood oiling						
	Rafters	16	7	1	-	112	
	Ridge	1	10	1⅔	-	16	
	Purlins	2	10	1⅔	-	33	
	V Summers	1	11	1⅔	-	18	
	do Rafter	8	9	1	-	72	
				Total		Sft	2·51.
	Flooring with tiles on Concrete.						
	Room	1	9½	7½	-	71	
	Verandah	1	9½	6	-	57	
				Total		Sft	128.
	Stone slabs 6" thick						
	Lintels & sills of doors	1	4½	1½	-	7	
	do Windows	2x2	2½	1½	-	27	
				Total		Sft	34.
	Stone Pillars						
	Verandah	2	11½	1¼	-	29	Sft 29.
	Colorwashing					Sft	4·74.
	Painting Wood work		Lump sum				Ls

Detail Estimate,— ~~Continued.~~ Drainage

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation for small drains						
	Around Sisters Quarters	1	336	area 2½		756.	
	do Surgical Ward	2	454	2¼		2043	
	do Medical do						
	do Maternity	1	562	2¼		1164	
	do Caste ward	2	348	2¼		1566.	
	do Paying Patients	1	360	2¼		810	
	do Destitute Patients	1	240	2¼		540	
	do Servants Room & Kitchen	1	230	2¼		518.	
	do Laundry & P.M. Room	1	128	2¼		288	
	do Mortuary	1	132	2¼		297	
	do Gate Lodge	1	72	2¼		162	
	do Covered Way	2×2	70	2¼		630	
	Main Drain	1	730	4		2920	
			Total			11694	
	Burnt stone drains.						
	Small drain						
	Around Sisters Quarters	1	336	3½		1176	
	do Surgical Ward	2	454	3½		3178	
	do Medical Ward						
	do Maternity	1	562	3½		1967	
	do Caste Ward	2	348	3½		2436	
	do Paying Patients	1	360	3½		1260	
	do Destitute do	1	240	3½		840	
	do Servants & Kitchens	1	230	3½		805	
	do Laundry & P.M. Room	1	128	3½		448	
	do Mortuary	1	132	3½		462	
	do Gate Lodge	1	72	3½		252.	
	do Covered Way	2×2	70	3½		980	
	Main Drainage	1	730	4¾		3468	
			Total	ab.	S. Stone	17272	

Asphalting

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Asphalting the drains			Area			
	Small Sisters quarters	1	336	1½		504	
	do Maternity	1	562	1½		843	
	do Surgical & Medical	2	454	1½		1362	
	do Caste Ward	2	348	1½		1044	
	do Hospl. Cookroom	1	230	1½		345	
	do Destitute Patients	1	240	1½		360	
	do Lavatory & Bath Room	1	128	1½		192	
	do Mortuary	1	132	1½		198	
	do Gate & Lodge	1	72	1½		108	
	do Paying Patients	1	360	1½		540	
	Main Drains	1	730	2¼		1643	
	Small Covered way	2×2	70	1½		420	
				Total Asphalting			7559
	Puddle work or Stone in clay Concrete						
	Small Sisters quarters	1	336	1½		504	
	do Maternity	1	562	1½		843	
	do Surgical & Medical	2	454	1½		1362	
	do Caste ward	2	348	1½		1044	
	do Hospl. Cookroom	1	230	1½		345	
	do Destitute Patients	1	240	1½		360	
	do Lavatory & Bath R	1	128	1½		192	
	do Mortuary	1	132	1½		198	
	do Gate & Lodge	1	72	1½		108	
	do Paying Patients	1	360	1½		540	
	do Covered way	2×2	70	1½		420	
	Main Drainage	1	730	3		2190	
				Total Clay Concrete cft.			8

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Compound wall.					
	Earth work	8946	@ 1	Cft	47	
	Stone in Morter foundation	6945	@ 26	Cft	1085	
	do Basement	3491	@ 29	Cft	600	
	Brick in Morter	591	@ 29	Cft	102	
	do Honey Combwork	33.24	15 @	Syr	489	
	Pointing with Morter	44.80	1-4 @	Syr	56	
	Color Washing	158.60	@ 4 @	Syr	40	
	White washing	53.10	@ 2 @	Syr	7	
	Coping with Glass	112.0	@ 5 @	Cft	350	
			Total		2776	
			Contingencies		194	
			Grand Total Rs			2970 -
						At
	Covered way					
	Earth work	122	@ 1	Cft	1	
	Stone slabs 6"	41	@ 26	Sft	4	
	do 6" pillars	173	@ 26	Sft	27	
	Wood work	73	28 @	Cft	183	
	Gravelling	525	@ 28	Cft	~~27~~	
	Concrete	42	@ 26	Cft	11	
	Bengal terracing	14.00	18 @	Syr	252	
	Wood oiling 1 Coat	7.60	1-8 @	Syr	10	
			Total Rs		510	
			Contingencies		20	
					530	
			Add one more of the same		530	
			Amount of Estimate			1060
						At
	Gate Lodge					

Abstract Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Gate Lodge					
	Earth work	374	@ 1	Cft	2	
	Stone in Morter foundation	309	@ 26	Cft	48	
	do Basement	159	@ 29	Cft	27	
	do Superstructn	663	@ 29	Cft	114	
	Pointing with Morter	5·75	1-4 @	Sqr	7	
	Plastering do	4·74	28 @	Sqr	12	
	Colour washing	4·74	@ 4	Sqr	1	
	Wood Work Ironmongy	28	28 @	Cft	70	
	Roofing with W Tiles	2·28	24-8 @	Sqr	56	
	Stone slabs 6"	34	@ 26	Sft	4	
	do 6" pillar	29	@ 2-3	Sft	4	
	Flooring with tiles	1·28	15 @	Sqr	19	
	Earth filling in	70	@ 1	Cft	1	
	Asphalting	98	@ 1-8	Sft	10	
	2 W Battenned Door	54	@ 14 @	Sft	47	
	Wood oiling	2·51	28 @	Sqr	4	
			Total		426	
		Contingencies			14	
			Grand Total Rs			440 -
	Cast Iron Gate	L. Sum Rs				400 -
						Ft.
	Earth work	11694	@ 1	Cft	61	
	Stone slabs	17272	@ 1-6	Cft	1619	
	Asphalting	7559	@ 1-8	Sft	776	
	Clay Concrete	8106	@ 1-0	Cft	507	
			Total Rs		2963	
		Contingencies			277	
			Grand Total Rs			3240 - -
					46	

Civil and Military Station Municipality, Bangalore.

Abstract Estimate No. of

Work

Paying Patients Ward of 4 beds.

12×10.

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	361.7	-0-1	Cft	19	
	Stone in Mortar foundation	24.72	-0-26	Cft	386	
	do Basement	1308	-0-29	Cft	225	
	do Superstructure	51.51	-0-3-0	Cft	966	
	Stone slabs 6"	24	-0-2-0	Sft	3	
	do 4"	288	-0-1-9	Sft	31	
	do 6"	197	-0-1-6	Sft	18	
	Concrete	49	-0-2-0	Cft	7	
	Pointing with Mortar	45.39	-0-1-8	Sqr	68	
	Plastering do	39.36	-0-2-8	Sqr	98	
	Bengal terracing	9.00	18-0-0	Sqr	162	
	Arch work	155	-0-4-0	Cft	39	
	I. Wood Work	257	3-4-0	Cft	835	
	do Varnished	91	-0-1-2	Sft	102	
	do Battened	144	-0-1-0	Sft	144	
	do Glazed Windows	108	-0-1-4	Sft	210	
	do Fan light	48	-0-1-6	Sft	66	
	Asphalting	1564	-0-0-4	Sft	391	
	Flooring with tile	12.72	15-0-0	Sqft	187	
	White washing	39.36	-0-2-6	Sqr	6	
	Color do	45.39	-0-4-0	Sqr	12	
	Stone pillars 6"	101	-0-2-6	Sft	16	
	Honey Comb Work	1.68	14-0-0	Sqr	23	
	Wood oiling	20.21	2-0-0	Sqr	40	
	Pucka terracing	8.68	28-0-0	Sqr	242	
	Cornice 9"	212	-0-4-0	Rft	53	
	Parapet wall	212	-0-5-6	Rft	69	
	Turning	Lump Sum		Rs	7	
	Earth filling in	1490	-0-0-1	Cft	8	
	Zinc Pipeing	72	-0-0-8	Rft	45	
			Total		4493	
	Contingencies				357	

Cook Room

192

Abstract Estimate,—~~Continued~~.

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	1010	-.-1	Cft	5	
	Stone in mortar foundat	719	-.26	Cft	112	
	do Basement	326	-.29	Cft	56	
	do Superstructure	1854	-.3-	Cft	348	
	Pointing with mortar	16.40	1-8-	Sqr	25	
	Plastering do	11.13	2-8-	Sqr	28	
	Stone slabs 6"	48	-.2-	Sft	6	
	do 4"	96	-.1-9	Sft	11	
	Mommy Woodwork	43	2-8-	Cft	108	
	Roofing with M tiles	7.02	24-8-	Sqr	172	
	Flooring with M tile	3.46	15-.-	Sqr	52	
	1. Wood Battens &	127	1-.-	Sft	127	
	Finials	2	2-.-	Each	4	
	White washing	12.36	-.26	Sqr	2	
	Color washing	16.40	-.4-	Sqr	4	
	Wood oiling	3.81	2-.-	Sqr	6	
	Earth filling in	346	-.-1	Cft	2	
	Coping	51	-.26	Cft	8	
	Asphalting	346	-.-2	Sft	43	
	Tanking	Lump sum		Rs	3	
			Total Rs		1132	
			Contingencies @ 10%		108	
			Grand Total Rs			1240 - -
	Add for Ward					4850
			Grand Total Rs			6090 - -

Exec. Engineer

Engineer R. E.

1st Aug. 1894

Civil and Military Station Municipality, Bangalore.

Detail Estimate No. of

Work Constructing Paving Pathways Ward of 4 Leads

No. of Item.	PARTICULARS.	Measurement. No.	D.	B.	D.	Contents.	Total Contents,
	Earthwork						
	Excavation						
	Front Centre + End W	3×2	16½	3	3	891	
	do — do large	2	20	3	3	810	
	Cross walls long	7	8½	3	3	536	
	do short	7	4½	3	3	283	
	do — do	4	7½	3	3	270	
	Pillars	7	2/4	1½	2	72	
	Returns	1	60	2/4	1	135	
	Earth filling in at sides					620	
			Total Earthwork				c.f. 3617
	Stone in Mortar						
	Filling in formdation						
	Front, Centre, + End W	3×2	16	2½	3	720	
	do — do long	3	29½	2½	3	664	
	Cross walls	7	9	2½	3	473	
	do do short	7	5½	2½	3	285	
	do do do	4	7½	2½	3	225	
	Returns	1	60	1¾	1	165	
			Total filling in formation			c.f.	2472
	Stone in Mortar						
	Basement.						
	Front Centre + End walls	3×2	15½	2	2	372	
	do — do long	3	29	2	2	348	
	Cross walls long	7	9½	2	2	266	
	do short	7	5½	2	2	154	
	do — do	4	7½	2	2	120	
	Return	1	60	1/4	1½	112½	
			Carried over		Total		1372

194

Detail Estimate.—*Continued.*

No. of Item.	PARTICULARS.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Brought forward				Qft.	1372	
	Deduction						
	Sills of door large	4	6	2½	½	24	✓
	do do small	8	5	2½	½	40	✓
		Total deduction				64	
		Total less deduction					Qft. ✓ 1308
	Storeroom Brick on Superstructure						
	Front, Centre & End w	3×2	15	1½	13½	1823	
	do do long	3	28½	1½	13½	1736	
	Cross walls. long	7	10	1½	13½	1418	858
	do do short	7	6	1½	13½		
	do do do	4	7½	1½	13½	608	
	Verandah partition						
				Total		6434	
	Deduction						
	Doors large	4	4½	1½	7	168	
	do small	2×4	3½	1½	6½	273	
	Windows	6	4	1½	5	180	
	Ventilators	13	4	1½	2	156	
	Sills & lintels of Ventilators	13×2	6	1½	⅓	78	
	Sills of Windows	6	6	1½	⅓	18	
	Honey Comb work	4	10½	1½	4	252	
	Fan lights of Dr & Windows	10	5½r² × .7854 / 2		1½	158	
		Total deduction				1283	
		Total less deduction				~~1289~~ 5151	
	Pointing with Mortar, One side including Beadwork						
	Front of Small rooms	2	15	—	15½	465	
	do do large	1	28½	—	15½	883	
	Passage & End	6	20½	—	15½	1907	
	Rear of Small room	2	15	—	15½	465	
	do large do End walls.	4	17	—	15½	1054	
		Total				4774	
	Deduction						
	Doors large	4	3	—	6	72	
	do small	8	2½	—	5½	110	
	Windows.	6	2½	—	3½	53	
		Total deduction				235	
		Total less deduction					Qft 45·39

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Plastering with mortar						
	Inside of wards	4	44	—	13	2288	
	do Closets	4	36	—	13	1872	
	Total Plastering					4160	
	Deduction						
	Doors large	4	3	—	6	72	
	do Small	8	3½	—	5½	100	
	Windows	6	6½	—	3½	52	
	Total Deduction					Sft.	224
	Total less deduction					Sqrs	39 86
	Stone slabs 6" thick						
	Sills of door large	4	6	2	(½)	48	
	do Small	8	6	2	(½)	96	
	Steps	3	14	1¼	(½)	53	Sft.
			Total 6"	6"	Slabs	Sft.	197
	Stone Slabs 4" thick						
	Sills & lintels of Ventilators	2×3	6	½	(⅓)	234	
	do Windows	6	6	½	(⅓)	54	Sft.
	Total slabs 4" thick					Sft.	288
	White washing as per Plastering						
	Inside of rooms &c.					Sqrs	
	Color washing - as per pointing outside					Sqrs.	
	Teak wood work						
	Joists of ward	4×8	11½	4"	7"	75	
	do Verandah & bath	2×4	10	3"	6"	122	
	Wall plates of Ward	2×2	11½	3"	4"	4	
	do bath & Closets	2×2	7½	3"	4"	2	
	do Verandah	2	7½	3"	4"	12	
	Joists of Passage	2×5	6½	3"	6"	24	
	B. Summers of Verandah	1	72	4"	9"	68	
	Total W Work					Cft.	257

196

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	I. Wood doors						
	Panelled	4	3½	—	6½	91	
				Total		Sft.	91
	I. Wood Battened Doors	2x4	3	—	6	144	Sft.
				Total		Sft	144
	I. Wood glazed Windows	6	3½	—	4½	95	
	Ventilators	13	3½	—	1½	73	Sft
				Total		Sft	168
	I. Wood glazed Fan lights over D& windows	10	$3\frac{1}{2}^2 \times 7\frac{1}{2}$	864.		48	Sft 48
	Honey Comb Work	4	10½	—	4	168	Sft 168
	Wood oiling to the 2 Coats.						
	Joists of ward	4x8	12	—	1½	576	
	do Passage	2x6	5	—	1¼	199	
	do Verandah	2x4½	9	—	1¼	1102	
	B. Summers of Verandah	1	72	—	2	144	
				Total		20.21	Sqr 20.21
	Flooring with Mangalore tiles on a bed of Concrete						
	Wards	4	11½	9½	-	437	
	Bath & Closets	4	11½	5½	-	253	
	Verandah	1	64	6	-	384	
	Passage	2	22	4½	-	198	
				Total	Flooring		Sqr 12.72
	Earth filling in between Basements						
	Wards.	4	11½	9½	1½	655	
	Bath & Closets	4	11½	5½	1	253	
	Verandah	1	64	6	1	384	Cft.
	Passage	2	22	4½	1	198	
				Total	Earthwk		1490

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Terracing Pucka—						
	Wards.	4	13½	11½	-	621	
	Passage	2	19	6½	-	247	868
	Terracing Bath & Closet	4	13½	7½	-	405	
	Verandah front	1	66	7½	-	495	900
							Lft
			Total terracing				Lft ~~1568~~
	Cornice work						
	All around	1	212	-	1	212	Sft 212
	Parapet wall						
	All around	1	212	—	1	212	Sft 212
	Stone Pillars Roughly dressed —						
	Verandah	7	11½	1¼	(½)	101	Sft 101
	Stone slabs 6" thick Roughly dressed						Sft.
	Bottom stones of Pillars	7	2¼	1½	(½)	24	24
	Concrete						
	Filling in the formation of			area of Contents			Cft
	Pillars.	7	7			49	49
	Asphalting over Basement						
	Front Centre end	6	16½	3½		445	
	do do large	3	30½	3½		412	
	Cross walls long	7	9½	3½		399	
	do do short	7	5½	3½		173	
	End of Verandah	4	7½	3½		135	
							Sft
			Total asphalting				1564

198

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Arch work over doors & Windows	10	5¼ X 3 / 2	1/16	1½ x 1½	15 5	15 5
	Lyme Pipeing for Ventilation	16	4½	6" dia		72	72

Kitchen for Paying Patients 199

Detail Estimate,— *Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earth work						
	Excavation						
	Front & Rear wall	2	21	3	3	468	
	Sides & Ends	2	10½	3	3	186	
	Scullery Walls Rear	2	9	2¾	1½	74	
	do Sides	4	8¼	2¾	1½	137	
	Earth filling in at sides					142	
			Total		cft	1010	cft 1010
	Stone in Chunam						
	Filling in Foundation						
	Front & Rear walls	2	25½	2½	3	382	
	Ends & walls	2	11	2½	3	165	
	Scullery walls Rear	2	9	2¼	1½	61	
	do Sides	4	8¼	2¼	1½	111	
			Total			719	cft 719
	Stone in Chunam						
	Basement						
	Front & Rear walls	2	25	2	1½	150	
	Sides or Ends	2	11½	2	1½	23	
	Scullery walls Rear	2	9	1¾	1½	47	
	do Sides	4	8¼	2¾	1½	87	
			Total Basmt			353	
	Deduction						
	Sills of Doors	4	6	2	½	24	
	Steps	2	6	½	½	3	
			Total deduct.			27	
		Total less deduction				326	cft 326
	Stone in Chunam						
	Superstructure						
	Front & Rear walls	2	24½	1½	12	882	
	Ends or Side	2	12	1½	12	648	
	Screen wall	2	9	1¼	6	145	
	do Sides	4	8¾	1¼	6	248	
	Gables	3	15	1½	3¾	211	
			Carried Over			2134	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Brought forward					2134	
	Stone in chimneys &c						
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	4	3	1½	5	90	
	Lintels of doors	4	6	1½	⅓	12	
	Sills & lintels of do	4	5	1½	⅓	10	
				Total deduct		280	
				Total less deduct		Sft	1854
	Pointing with Mortar						
	Basement all rooms	1	109	—	1½	164	
	Front & Rear	2	24½	—	12	588	
	End walls	2	15	—	12	360	
	Gables	2	15	—	3	90	
	Scallop screen	2×2	10	—	6	240	
	Sides of do	4	8¼	—	6	189	
				Total Square			1640
	Plastering with Mortar						
	Divide Rooms	2	44	—	12	1056	
	Gables	4	15	—	3	180	
				Total		1236	
	Deduction						
	Doors	4	3	—	6½	78	
	Windows	4	2½	—	4½	45	
				Total deduct		123	
				Total less deduct		Sqs	1113
	Stone Slabs 6" thick						
	Sill Stone of doors	4	6	2	(½)	48	Sft 48
	Stone Slabs 4" thick						
	Sills & lintels of Windows	2×4	5	1½	⅓	60	
	do — Doors	4	6	1½	⅓	36	
				Total		96	Sft 96

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Hornay Wood work						
	Rafters 2' apart, front	10	15	3"	4"	13	
	do Rear	10	12	3"	4"	10	
	Ridge Piece	1	24½	4"	6"	4	
	Wall plates	2	25	3"	4"	4	
	Purlins	2	24½	4"	6"	8	
	Studs for ew	10	3½	3"	2½	2	
	Summer	1	26	3"	4"	2	
				Total W Work			Cft. 43
	Impalire tiled roof						
	Front	1	26	15	—	390	
	Rear	1	26	12	—	312	
					Total Sqr		7.02
	Coping over Screen Wall						
	Rear wall	2	9	—	—	18	
	do Small	4	8¼	—	—	33	
				Total		Sft	51
	Asphalting over Basement						
	Front & Rear wall	2	24½	2	⅛	98	
	Cross walls	2	12	2	.	48	
	Screen wall long	2	9	1¾	.	32	
	do — do short	4	7¼	1¾	—	51	
				Total		229	
	add over Superabundance					114	
					Total	Sft	343
	Earth filling in Reduced						
	Basement						
	Large Rooms	2	11½	9½	1	219	
	Small do	2	11½	5½	1	127	
				Total E Work			Cft. 346

Detail Estimate — *Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Flooring with Square tile on Concrete laid 1/4"						
	Large Rooms	2	11½	9½	-	219	
	Scullery	2	11½	5½	-	127.	
			Total Flooring			Sqr	3.46
	White washing as per plastering inside					Sqr	12.36
	Color Washing — do — outside					Sqr	16.40
	Wood ceiling timbers						
	Rafters front	10	13½	—	1	135	
	do rear	10	11½	-	1	105	
	Studs	10	3½	—	1	35	
	Summer	1	26	—	1	26	
			Total			Sqr	3.01
	Wood Battened						
	Doors large	2	3½	—	6½	46	
	do Small	2	3	—	6	36	
	Windows	4	2½	-	4½	45	
					Total	Sft	127
	Finials	2				No.	2

Tapping Patients Ward

Abstract Estimate,—~~Continued.~~ 282 No 10

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1	2	3	4	5	6	7
	Earth work	3617	a a1	Cft	19	
	Stone in Mortar Foundat	2472	a 26	Cft	386	
	do Basement	1308	a 29	Cft	225	
	do Superstructr	5751	a 3a	Cft	966	
	Slab stone 6"	24	a 2a	Sft	3	
	do 4"	288	a 1-9	Sft	31	
	do 6"	197	a -16	Sft	18	
	Concrete	49	a 2a	Cft	7	
	Pointing with Mortar	45.39	1-8 a	Sy	68	
	Plastering do	39.36	2-8 a	Sy	98	
	Bengal terrace	9.00	18 a	Syr	162	
	Puckca — do	8.68	28 a	Sy	242	
	Arch work	165	a 4 a	Cft	39	
	Scak work	257	6-4 a	Cft	835	
	do Panelled Door	91	1-2 a	Sft	102	
	do Battened	144	1 a a	Sft	144	
	do Glazed	168	1-4 a	Sft	210	
	do Jam Lights	48	1-6 a	Sft	66	
	Asphalting	1564	a -4 a	Sft	391	
	Flooring with tiles	12.72	15 a a	Sy	187	
	White washing	39.39	a -26	Sy	6	
	Color do	45.39	a -4 a	Sy	12	
	Stone Pellarb"	101	a 26	Sft	16	
	R. Comb Work	1.68	14 a a	Sy	23	
	Woodoiling	20.21	2 a a	Sy	40	
	Cornice work 9	212	a 4 a	Rft	53	
	Parapet do 2	212	a 6 b	Rft	69	
	Fencing Lamps	Sum		~~Rs~~	7	
	Earth filling in	1490	a a 1	Cft	8	
	Spring Pipeing	72	a 10 a	Cft	405	
			Total	Rs	4493	
			Contingencies		357	
			Grand Total	Rs	4850	

Abstract Estimate, ~~Continued~~ Cook Room

No. of Item.	DESCRIPTION OF WORK.	Quantity.	Rate.	Per.	Amount.	Total Amount.
1		3	4	5	6	
	Earthwork	1010	- 01	Cft	5	
	Stone in Mortar Foundation	719	- 25	Cft	112	
	do Basement	326	- 29	Cft	56	
	do Superstructure	1854	- 3 -	Cft	348	
	Pointing with Mortar	16.40	1-8-	Sqr	25	
	Plastering do	11.18	2-8-	Sqr	28	
	Stone slabs 6	48	- 2 -	Sft	6	
	do 4	96.	- 1 - 9	Sft	11	
	Norway Wood work	43	2-8-	Cft	108	
	Roofing with Sn Tiles	7.02	24-8-	Sqr	172	
	Flooring with tiles	3.46	15-11-	Sqr	52	
	Sh. Battened Door	127	1-1-	Sft	127	
	Finials	2	2 - -	Each	4	
	White washing	12.36	- 26	Sqr	2	
	Color do	16.40	- 4 -	Sqr	4	
	Wood oiling	3.01	2 -	Sqr	6	
	Earth filling in	346	- 01	Cft	2	
	Coping	57	- 2 -	Rft	8	
	asphalting	346	- 2 -	Sft	43	
	Fencing	Lump Sum			3	
			Total		1132	
		Contingencies	10%		108	
			Total			1240
	Add for Ward					4850
		Amount of Estimate				6090

J.K.

Constructing Paying Patients Wards — 204

Detail Estimate.—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earthwork						
	Excavation						
	Front + Centre + End Walls	3×2	16½	3	3	891	
	do do Large	3	30	3	3	810	
	Cross walls long	7	8½	3	3	536	
	do short	7	4½	3	3	283	
	do do	4	7½	3	3	270	
	Pillars	7	2¼	1½	3	72	
	Return	1	60	2¼	1	135	
	Earth filling in at sides					620	
			Total Earthwork cft				3617
	Stone in Mortar						
	Filling in foundation						
	Front, Centre, End wall	3×2	16	2½	3	720	
	do do long	3	29½	2½	3	664	
	Cross walls	7	9	2½	3	473	
	do do short	7	5½	2½	3	285	
	do do do	4	7½	2½	3	225	
	Return	1	60	1¾	1	105	cft
			Total filling in foundation				2472
	Stone in Mortar						
	Basement						
	Front, Centre, End wall	3×2	15½	2	2	372	
	do do long	3	29	2	2	348	
	Cross wall long	7	9½	2	2	266	
	do do short	7	5½	2	2	154	
	do do do	4	7½	2	2	120	
	Return	1	60	1¼	1½	112	
			Carried over		Total	cft 1372	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Brought Forward					1372	
	Deduction						
	Sills of doors large	4	6	2	½	24	
	do do Small	8	5	2	½	40	
			Total deduction			64	
			Total less deduction			cft	1308
	Stone in Mortar						
	Superstructure						
	Front Centre + End wall	3X2	15	1½	13½	1823	
	do do do long	3	28½	1½	13½	1736	
	Cross wall long	7	10	1½	13½	1417	
	do do short	7	6	1½	13½	850	
	Verandah partition	4	7½	1½	13½	608	
			Total			6434	
	Deduction						
	Door large	4	4	1½	7	168	
	do small	2X4	3½	1½	6½	273	
	Windows	6	4	1½	5	180	
	Ventilators	13	4	1½	2	156	
	Sills + lintels of do	13X2	6	1½	⅓	78	
	Sills of Windows	6	6	1½	⅓	18	
	Honey Comb Work	4	10½	1½	4	252	
	Sun lights of Windows	10	$5\frac{1}{4}^2 \times .7854$		1½	158	
			Total deducts			1283	
			Total less deduction			cft	5151
	Pointing with Mortar						
	Outside including basement						
	Front of small rooms	2	15	—	15½	465	
	do do large	2	28½	—	15½	883	
	Passage + End	6	20½	—	15½	1907	
	Rear of Small Room	2	15	—	15½	465	
	do large do	4	17	—	15½	1054	
						4774	

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Pointing with Border	Brought forward				47.14	
	Deduction						
	Door large	4	3	—	6	12	
	do small	8	2½	—	5½	110	
	Windows	6	2½	—	3½	53	
		Total deduct				2.35	
		Total less deduction				Sqr	45.39
	Plastering with Border						
	Inside of Wards	4	44	—	13	2288	
	do Closet	4	36	—	13	18½	
			Total	—		41.60	
	Deduction						
	Doors large	4	3	—	6	12	
	do small	8	2½	—	5½	100	
	Windows	6	2½	—	5½	52	
			Total ded	2.24			
		Total less deduction				Sqr	39.36
	Stone slabs 6" thick						
	Sills of door large	4	6	2	(½)	48	
	do small	8	6	2	(½)	96	
	Steps	3	14	1¼	(½)	53	Sft.
		Total Stone slabs					197
	Stone slabs 4"						
	Sills & lintels of Ventilators	2×3	6	1½	(⅓)	284	
	do Windows	6	6	1½	(⅓)	54	
		Total	Stone	slabs 4"			288
	White washing as per plastering inside of rooms &c					Sqr	39.36
	Colorwashing — do — do	outside				Sqr	45.39
	Honey Comb Work	4	10½	—	4	168	Sqr 1.68

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Teak wood work						
	Joists of Wood	4X8	11½	4"	4"	75	
	do Verandah & bath	2X4	10	3"	6"	120	
	Wall plate of Wood	2X2	11½	3"	4"	4	
	do bath & Closet	2X2	7½	3"	4"	2	
	do Verandah	2	72	3"	4"	12	
	Joists of Passage	2X3	6½	3"	6"	24	
	Summer of Verandah	1	72	4"	9"	18	
				Total	Wood	Work	1257 Sft
	Teak Wood Panelled						
	Doors	4	3½	—	6½	91	Sft 91
	Teak Wood Battened						
	Doors - bath & Closet	2X4	3	—	6	144	Sft 144
	Teak Wood Glazed						
	Windows	6	3½	—	4½	95	
	Ventilators	13	5½	—	1½	73	Sft 168
	Teak Wood Glazed						
	Fan light over Door under	10	$3\frac{1}{2} \times \frac{2}{1} \times \frac{7}{2}$	8	4	48	Sft 48
	Wood oiling timber 2 coats						
	Joists of Ward	4X8	12	—	1½	576	
	do Passage	2X3	5	—	1¼	199	
	do Verandah	2X4	9	—	1¼	1102	
	Summer of Verandah	1	72	—	2	144	Sft
				Total	Oiling		20·21
	Flooring with Bangalore tiles on a bed of Concrete 4"						
	Wards	4	11½	9½		437	
	Bath & Closet	4	11½	5½		253	
	Verandah	1	64	6		384	
	Passage	2	22	4½		198	
				Total	Flooring		Sft 12·52

Detail Estimate,—*Continued.*

No. of Item	DESCRIPTION OF WORK.	Measurements. No	L	B	D	Contents	Total Contents.
	Earth filling in between basement.						
	Wards	4	11½	9½	1½	655	
	Bath & Closet	4	11½	5½	1	253	
	Verandah	1	64	6	1	384	
	Passage	2	22	4½	1	198	Cft.
		Total Earthwork cft					1490 ✓
	Terracing Packa						
	Ward	4	13½	11½	–	621	Sft
	Passage	2	19	6½	–	247	868 ✓
	Terracing Bengal						
	Bath & closet	4	13½	7½	–	405	Sft
	Verandah	1	66	7½	–	495	900 ✓
	Cornice Work						Rft
	all aromd	1	212	–	1	212	212
	Parapet wall						Rft
	all aromd.		212			212	212
	Stone Pillars Roughly dressed						Rft
	Verandah Pillars	7	14½	1¼	½	101	101 ✓
	Stone slabs, 6"						Sft
	Bottom stones of Pillars	7	2¼	1½	½	24	24
	Concrete Filling in the Formdation of Pillars	7	Area 7			49	Cft 49
	Zinc Pipeing for Ventilation	16	4½	(6" dia)		72	Rft 72 ✓

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
	Asphalting over basement + C						
	Portico, Centre + End	6	16½	3½		445	
	do do large	2	30½	3½		412	
	Cross walls long	7	9½	3½		399	
	do do short	4	5½	3½		173	
	Ends of Verandah	4	7½	3½		135	
							Sft.
				Total Asphalting			1564
	Arch work over						
	Doors + Windows	10	$\frac{5\frac{1}{4}^2 \times 3.1416}{2}$		$1\frac{1}{4} \times \frac{1}{2}$	153	Sft 153
	Fabring wood work	Lump Sum				~~15~~	7 —

Kitchen for Paying Patients

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Earthwork.						
	Excavation						
	Front & Rear walls	2	26	3	3	468	
	Sides & Ends	2	10½	3	3	186	
	Scullery wall Rear	2	9	2¾	1½	74	
	do Sides	4	8¼	2¾	1½	137	
	Earth filling in at sides					142	
				Total Ex Work			cft 1010
	Stone in chunam						
	Filling in foundation						
	Front & Rear walls	2	25½	2½	3	382	
	End wall	2	11	2½	3	165	
	Scullery wall	2	9	2¼	1½	61	
	do sides	4	8¼	2¼	1½	111	
			Total		—	719	cft 719
	Stone in Mortar						
	Basement						
	Front & Rear walls	2	25	2	1½	150	
	Sides & Ends	2	11½	2	1½	23	
	Scullery walls Rear	2	9	1¾	1½	47	
	do Sides	4	8¼	1¾	1½	87	
				Total		353	
	Deduction						
	Sills of door.	4	6	2	½	24	
	Steps	2	6	½	½	3	
				Total		27	cft
			Total less deduction				326
	Stone in Mortar						

Detail Estimate,—*Continued.*

No. of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Contents.	Total Contents.
	Stone in Cumwall						
	Superstructure						
	Front & Rear Walls	2	24½	1½	12	882	
	Ends & Sides	2	12	1½	12	648	
	Screen wall	2	9	1¼	6	145	
	do Sides	4	8¼	1¼	6	248½	
	Gables	2	15	1½	¾	211	
				Total		2134	
	Deduction						
	Doors	4	4	1½	7	168	
	Windows	4	3	1½	5	90	
	Lintels of doors	4	6	1½	⅓	12	
	Sills & lintels of do	4	5	1½	⅔	10	
				Total ab		280	
		Total less deduction eft					1854
	Pointing with mortar						
	Basement all around	1	109	—	1½	164	
	Front & Rear	2	24½	—	12	588	
	End walls	2	15	—	12	360	
	Gables	2	15	—	3	90	
	Scullery Screen	2×2	10	—	6	240	
	Sides of do	4	8¼	—	6	189	
				Total Sqr			16·40
	Plastering with Mortar						
	Inside Rooms	2	44	—	12	1056	
	Gables	4	15	—	3	180	
				Total		12·36	
	Deduction						
	Doors	4	3	—	6½	78	
	Windows	4	2½	—	4½	45	
				Total		123	Sqr
				Total less deduction			11·13
	Stone slabs bt thick						
	Sills stones of doors	4	6	2	½	48	Eft 48

Detail Estimate,—*Continued.*

No of Item.	DESCRIPTION OF WORK.	Measurements. No.	L.	B.	D.	Content
	Stone slabs 4" thick					
	Sills & Lintels of Windows	2×4	5	6½	⅓	60
	do do doors	4	6	6½	⅓	36
					Total	8ft 9
	Kommay Wood work					
	Rafters 2' apart front	10	15	3"	4"	13
	do Rear	10	12	3"	4"	10
	Ridge piece	1	24½	4"	6"	4
	Wall plate	2	25	3"	4"	14
	Purlins	2	24½	4"	6"	8
	Studs for one	10	3½	3"	2½	2
	Summer	1	26	3"	4"	2
					Total W Work	
	ngabore tiled roof					
	Front	1	20	15	-	300
	Rear	1	26	12	-	312
					Total	Syr
	Coping over Screen Wall					
	Rear wall	2	9	-	-	18
	do Small	11	8¼	-	-	33
					Total	Rft
	Asphalting over basement					
	Front & Rear wall	2	24½	2½	⅓	98
	Cross wall	2	12	2	-	48
	Screen walls long	2	9	13¼	-	32
	do do short	4	7¼	13¼	-	51
	Over Superstructure					114
					Total	Sft 343
	Earth filling in between					
	Basement					
	Large Rooms	2	11½	9½	1	219
	Small do	2	11½	5½	1	127
					Total	Cft 346
	White washing as per Plastering					Syr 10
	Color do do painting					Syr

Detail Estimate,—Continued.

213

DESCRIPTION OF WORK.	MEASUREMENTS. No.	L.	B.	D.	CONTENTS.	TOTAL CONTENTS.
Flooring with Spruce tile on Concrete bed 4"						
Large Rooms	2	11½	9½	-	219	
Scullary	2	11½	5½	-	127	
				Total Sqr		3.46
Wood oiling timber						
Rafters front	10	12½	-	1	135	
do Rear	16	11½	-	1	185	
Studs	10	3½	-	1	35	
B Summer	1	26	-	1	26	
				Total Sqr		3.81
Battened						
Door large	2	3½	-	6½	46	
do Small	2	3	-	6	36	
Windows	4	2½	-	4½	45	
				Total Sqr		127
Urinals	2				2	2.02
Wiring Wood work	Lump Sum				£5	3